KENSINGTON MINE ANNUAL MEETING for 2021

Kevin Eppers – Environmental Manager
Peter Strow – Sr. Environmental Coordinator

COEUR ALASKA®

NYSE: **CDE**

June 23, 2022

Cautionary Statements

This presentation contains forward-looking statements within the meaning of securities legislation in the United States and Canada, including statements involving strategic priorities and company strategies, expectations regarding environmental, social and governance ("ESG") initiatives, production, costs, exploration efforts, cash flow, margins, tax reform, and operations at the Kensington Mine. Such forward-looking statements involve known and unknown risks, uncertainties, and other factors which may cause Coeur's actual results, performance, or achievements to be materially different from any future results, performance, or achievements expressed or implied by the forward-looking statements. Such factors include, among others, the risk that the strategies and expectations described in this presentation are not achieved on a timely basis or at all, the risks and hazards inherent in the mining business (including risks inherent in developing large-scale mining projects, environmental hazards, industrial accidents, weather, or geologically related conditions), changes in the market prices of gold, silver, lead, and zinc, and a sustained lower price environment, the uncertainties inherent in Coeur's production, exploratory and developmental activities, including risks relating to permitting and regulatory delays, ground conditions, grade and recovery variability, any future labor disputes, or work stoppages, the uncertainties inherent in the estimation of mineral reserves and resources, changes that could result from Coeur's future acquisition of new mining properties or businesses, the loss of any third-party smelter to which Coeur markets silver and gold, the effects of environmental and other governmental regulations, the risks inherent in the ownership or operation of or investment in mining properties or businesses in foreign countries, Coeur's ability to raise additional financing necessary to conduct its business, make payments or refinance its debt as well as other uncertainties and risk factors set out in filings made from time to time with the United States Securities and Exchange Commission, and the Canadian securities regulators, including, without limitation, Coeur's most recent reports on Forms 10-K and Form 10-Q Actual results, developments, and timetables could vary significantly from the estimates presented. Readers are cautioned not to put undue reliance on forward looking statements. Coeur disclaims any intent or obligation to update publicly such forward-looking statements, whether as a result of new information, future events, or otherwise. Additionally, Coeur undertakes no obligation to comment on analyses, expectations, or statements made by third parties in respect of Coeur, its financial or operating results or its securities.

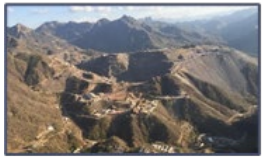
The scientific and technical information concerning our mineral projects in this presentation have been reviewed and approved by a "qualified person" under Item 1300 of SEC Regulation SK, namely our Senior Director, Technical Services, Christopher Pascoe. For a description of the key assumptions, parameters and methods used to estimate mineral reserves and mineralresources included in this presentation, as well as data verification procedures and a general discussion of the extent to which the estimates may be affected by any known environmental,permitting, legal, title, taxation, sociopolitical, marketing or other relevant factors, please review the Technical Report Summaries for each of the Company's material properties which areavailable at www.sec.gov. 2021 reserves and resources were determined in accordance with Item 1300 of SEC Regulation S-K. Reserves and resources for prior periods were determined inaccordance with Canadian National Instrument 43-101. Both sets of reporting standards have similar goals in terms of conveying an appropriate level of confidence in the disclosures beingreported, but the standards embody slightly different approaches and definitions.

Non-U.S. GAAP Measures - We supplement the reporting of our financial information determined under United States generally accepted accounting principles (U.S. GAAP) with certainnon-U.S. GAAP financial measures, including adjusted net income (loss), operating cash flow before changes in working capital, adjusted EBITDA, adjusted EBITDA margin, total leverage, netleverage, free cash flow and adjusted costs applicable to sales per ounce/pound. We believe that these adjusted measures provide meaningful information to assist management, investorsand analysts in understanding our financial results and assessing our prospects for future performance. We believe these adjusted financial measures are important indicators of ourrecurring operations because they exclude items that may not be indicative of, or are unrelated to our core operating results, and provide a better baseline for analyzing trends in ourunderlying businesses. We believe adjusted net income (loss), adjusted EBITDA, adjusted EBITDA margin, total leverage, net leverage, free cash flow and adjusted costs applicable to salesper ounce/pound are important measures in assessing the Company's overall financial performance. This presentation does not represent an offer of any securities for sale.

Coeur Mining Operations

COEUR ALASKA®

Headquartered in Chicago, IL, Coeur Mining (NYSE: CDE) is a well-diversified, growing precious metals producer with a focus on generating sustainable, high-quality cash flow from its North American asset base



Palmarejo
Chihuahua, MX
Au Ag

Rochester
Nevada, US
Ag Au

Kensington
Alaska, US
Au

Wharf
South Dakota, US
Au

Silvertip
British Columbia, CA
Ag Zn Pb

Agenda

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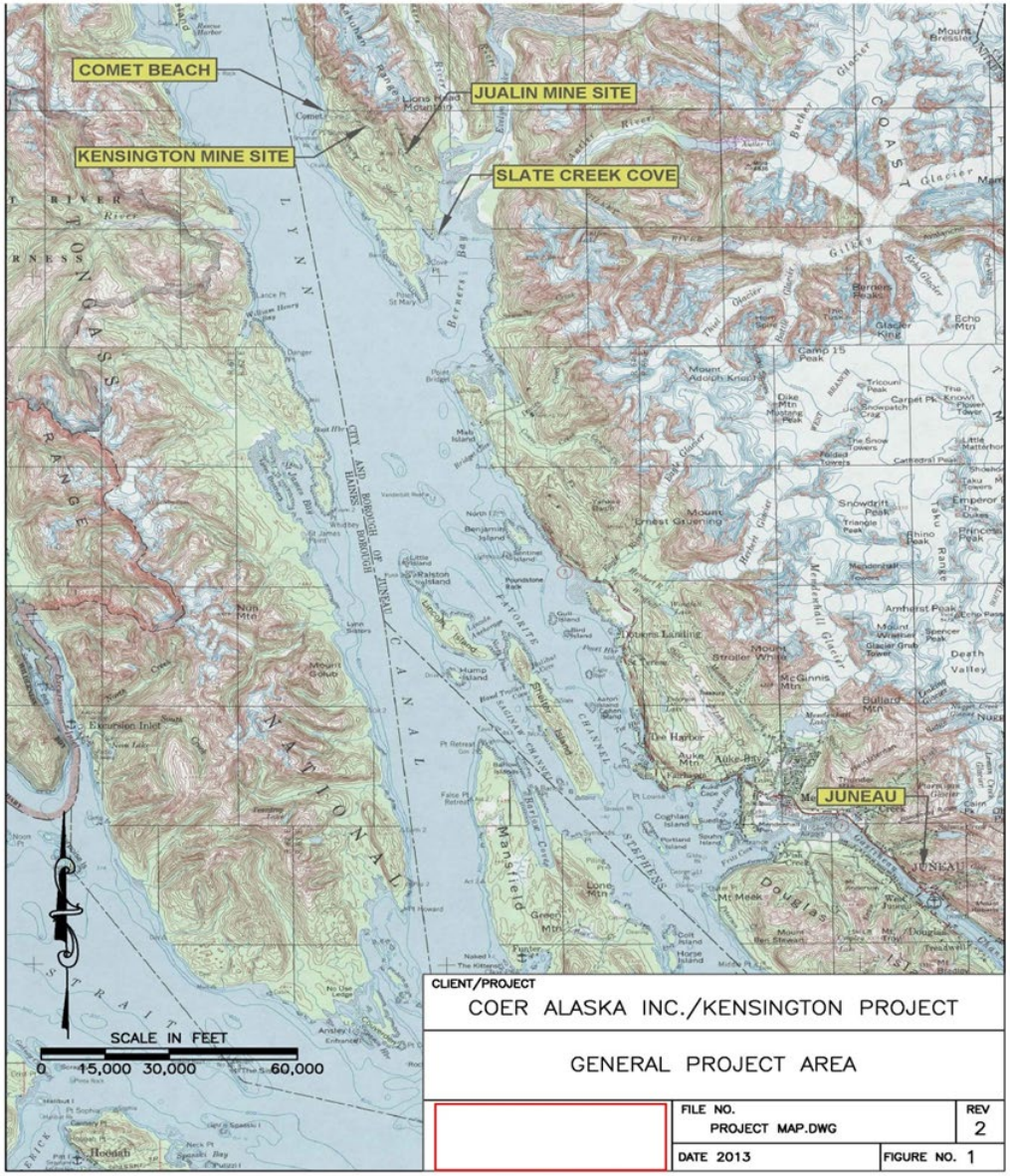
2021 MINE OVERVIEW

- Safety
- Construction
- Operations
- Permitting & Reporting
- Environmental Management System
- Transportation Plan
- Water Quality Trends
- Wildlife Monitoring Overview

ACTIVITIES/PERMITTING PLANNED for 2022

Kensington Mine Site

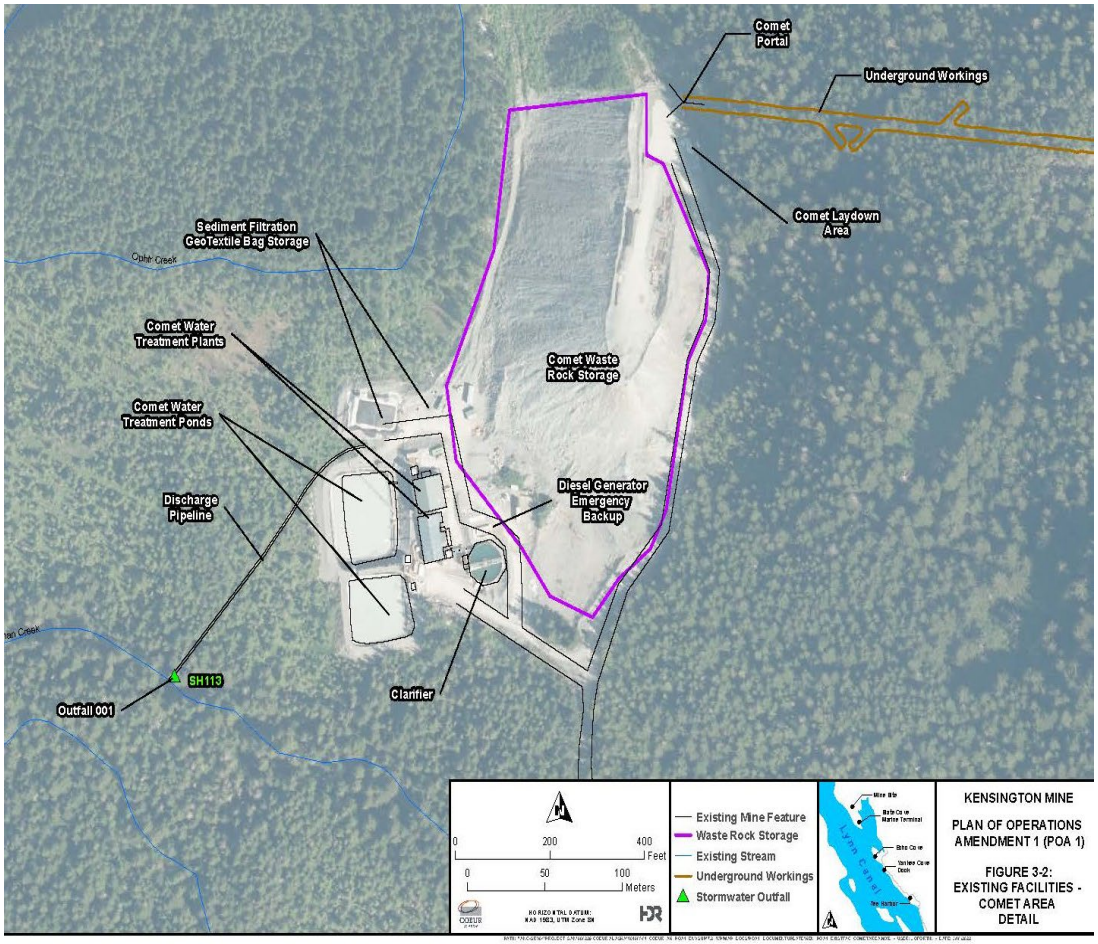


Kensington Mine Site

Mill Area

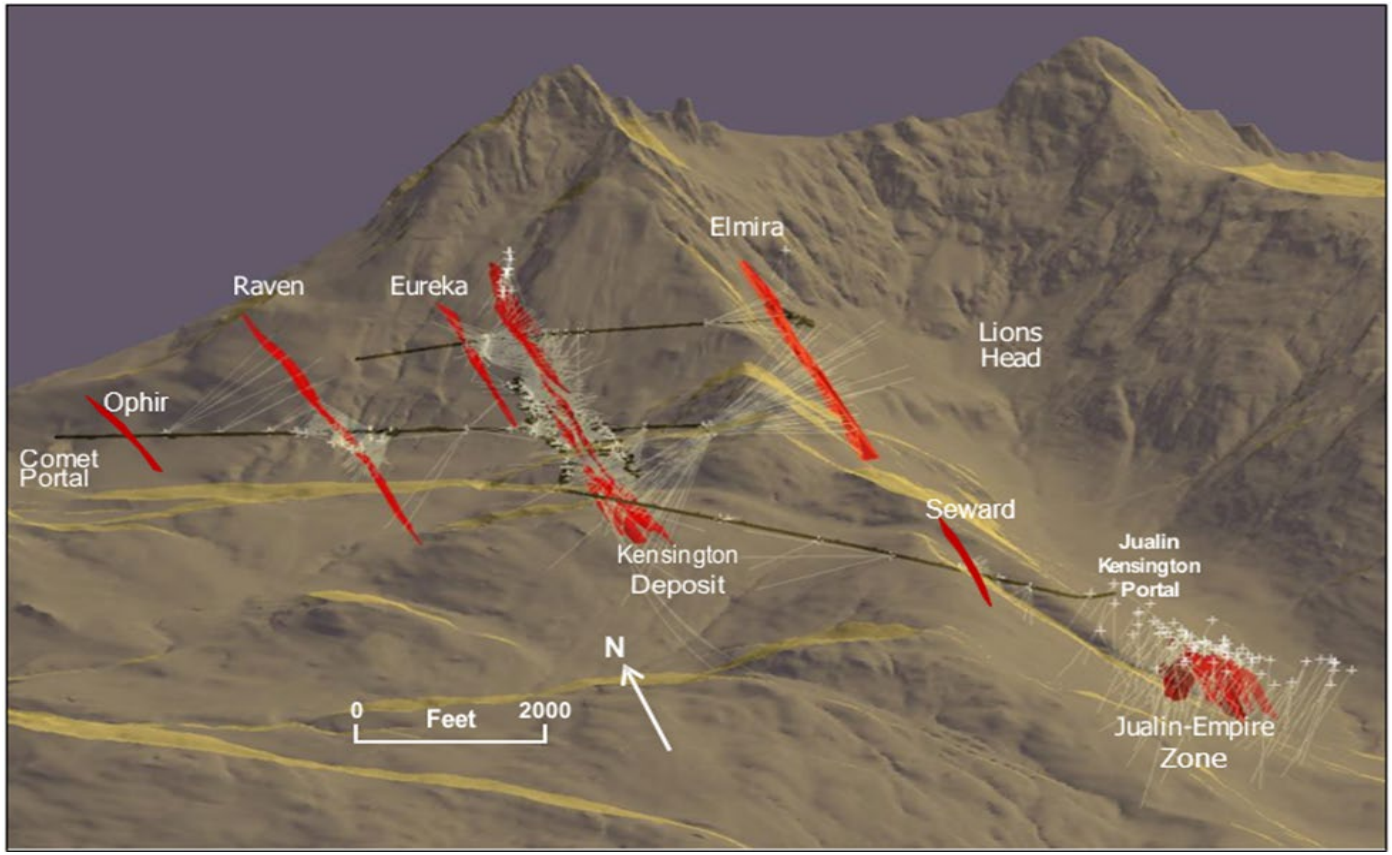
Tailings Treatment Facility

Comet


Comet Portal
Underground Workings
Comet Laydown Area
Sediment Filtration GeoTextile Bag Storage
Comet Water Treatment Plants
Comet Waste Rock Storage
Comet Water Treatment Ponds
Diesel Generator Emergency Backup
Discharge Pipeline
SH113
Outfall 001
Clarifier
0 200 400 Feet
0 50 100 Meters
Existing Mine Feature
Waste Rock Storage
Existing Stream
Underground Workings
Stormwater Outfall
KENSINGTON MINE
PLAN OF OPERATIONS AMENDMENT 1 (POA 1)
FIGURE 3-2:
EXISTING FACILITIES - COMET AREA DETAIL

Mining Areas

- Original mine life of 10 years focused on Kensington ore body
- Added the Raven high-grade vein in 2013
- Added the Jualin Vein 4 in 2018
- Added Elmira ore body in 2021



Kensington Mine Stats

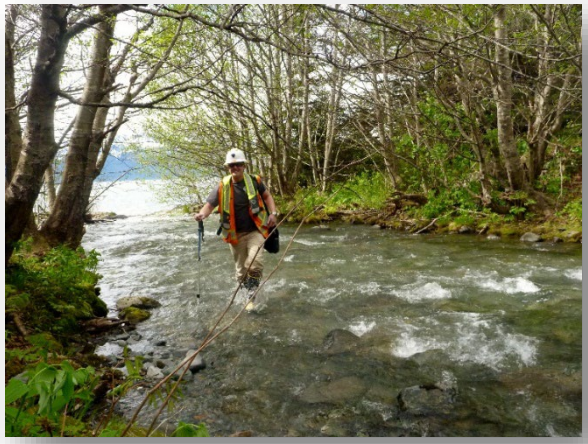
- Kensington employs just under 400 employees, with about 180 on site at a time
- Annually, Kensington moves almost 1 million tons of rock out of the underground mine, and about 40% of it goes back into the mine
  - Production of approximately 640,000 tons of ore, and 275,000 tons of waste rock
    - Ore is crushed and processed through the mill at just under 2,000 tons per day,
    - Approximately 150,000 tons of waste is returned to open voids underground
- Approximately 4 miles of new tunnel is created each year
  - Some of the existing tunnels are taken out and filled with cemented backfill, so the open tunnel accounting typically grows by about 2 miles per year,
  - Much of these tunnels will be backfilled as we mine the ore out and retreat from older areas of the mine
- On a daily basis, blasts occur at 2-5 different working faces in various parts of the mine.
  - These blasts occur during shift change, after one crew heads out and another is prepping to go underground

Community Support

Employment

The Kensington Mine is a major Southeast Alaska employer and provides high paying jobs and economic diversity to the region

- Employs just under 400 employees
  - Diverse fields such as accounting, engineering, geology, environmental science, metallurgy
  - Provides on the job training for Alaskans in areas such as welding, diesel mechanics, mining, electrical, processing and water treatment
- 860+ jobs supported indirectly statewide
- Committed to local and Alaska Native hire
- 54% of workforce reside in Alaska including the entire management team
- $60+ million spent in wages and benefits in 2021
- Industry average wage of more than $115k – over twice the state average for other sectors of the economy!



Community Support

Education

Investing in education creates a strong foundation for future generations of skilled workers beyond the life of the mine

- University of Alaska
  - $300k to the UAS to fund the self-sustaining Coeur Alaska Environmental Science Endowment Fund
  - $96k to the UA MAPTS program – 14 students have been trained and hired full-time
  - UAS Diesel program – combination of on-the-job training and postsecondary education
  - In-kind glassware donation to the UAS chemistry lab
- Over $400k donated toward education and workforce development in 2021
- Learn United Reading Tutor program – 2012 partnership between Coeur Alaska and the Juneau School District– is relaunching in 2022 after a hiatus due to the pandemic
- Support for Juneau School District, local schools, sports teams, clubs, events, etc.




Community Support

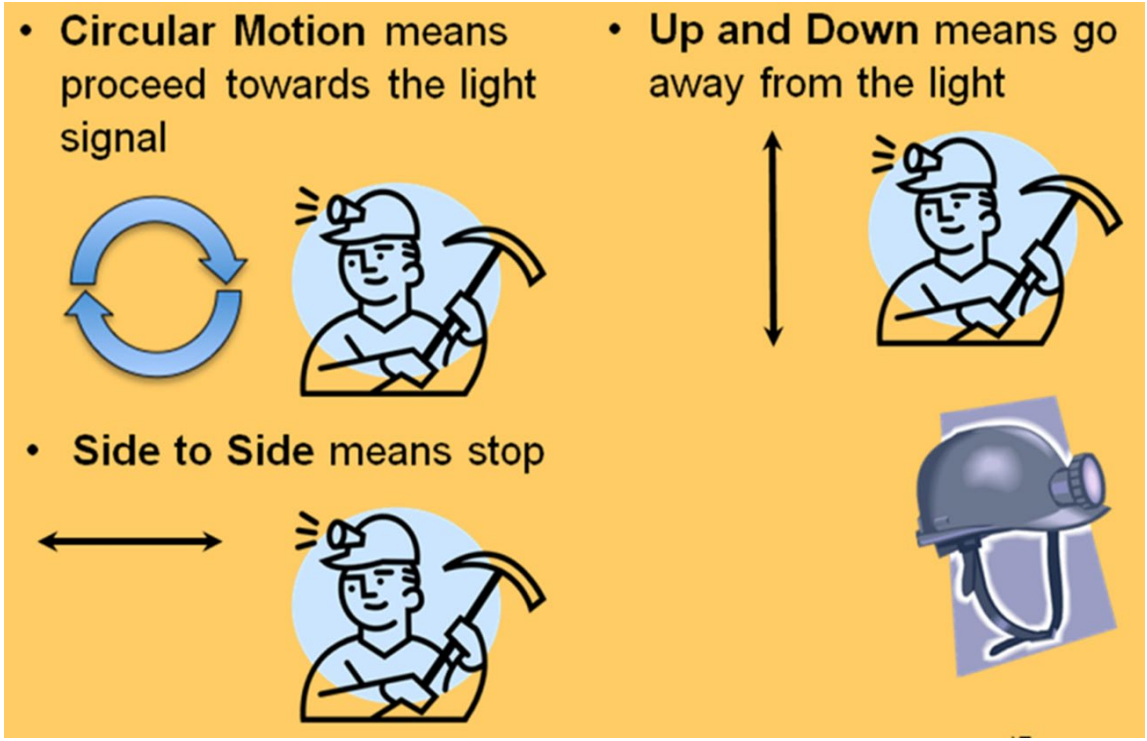
Building a Legacy

Strategic investments ensure Coeur Alaska's community support continues beyond the life of the mine

- UAS Endowment Fund and Environmental Science Award
- $50k to fund the new Juneau Arts & Culture Center (JACC)
- $10k to support the restoration and preservation of the historic Eldred Rock Lighthouse
- $25k donation to the Friends of the Marie Drake Planetarium for a new projection system and customized set of Southeast Alaska high-res landscapes

Safety

- 1 Lost Time Incidents (LTI) in 2021
- 4 Medical Treatment Case (MTC) in 2021
- Leadership in the field program (LIF's)
- Critical Control Verifications (CCV's)
- Planned General Inspections lead by senior leadership



Warning and Avoidance

We use snowpack and weather observations as well as weather forecasts to generate daily forecast and travel restrictions

Avalanche Control Program

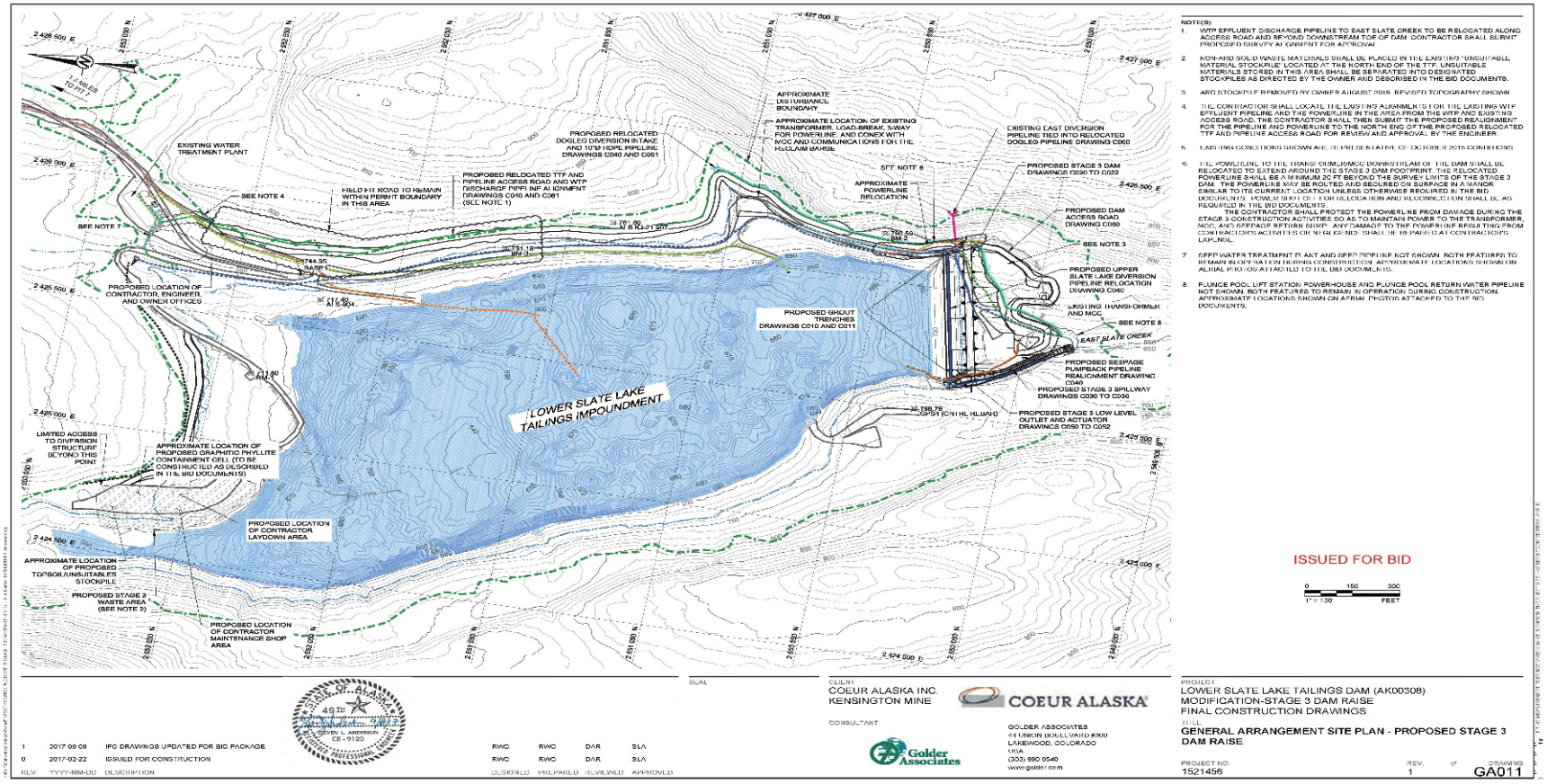
Rescue Program

- Avalanche Coordinator on-site
- Daily Avalanche forecasts
- On-going rescue training with mine and surface rescue teams
- No issues have resulted from snowfall

RECCO® RESCUE SYSTEM

Tailings Dam: Stage 3

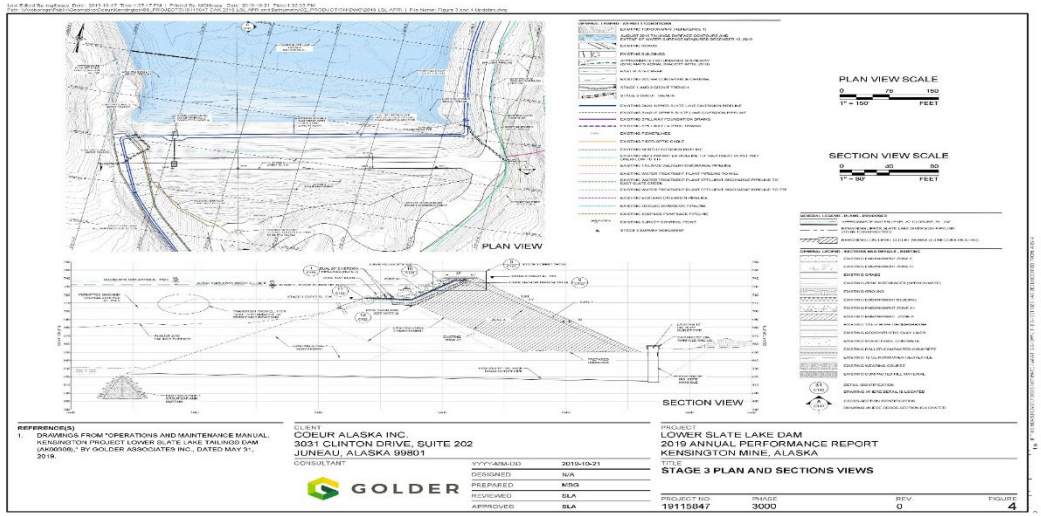
- Construction of dam completed in 2018 with exception of a low-level outlet structure and second diversion pipeline which were completed in 2019
- Certificate of Approval to Operate a Dam issued by Dam Safety on Feb.9, 2021



Tailings Dam: Stage 3

Tailings Treatment Facility

- Periodic Safety Inspection was conducted by Golder Associates on July 12, 2021
- Report indicates that “The dam and ancillary structures appear to be in satisfactory condition because:
  - There are no recognized existing or potential dam safety deficiencies.
  - Acceptable performance is expected under normal and extreme loading conditions for the Class II (significant) hazard potential dam with applicable hydrologic and seismic regulatory criteria.”



Tailings Treatment Facility

Dam Spillway ARD Containment construction - additional mitigation for the ARD seepage

- Western wall raise with 2-foot-high concrete
- Shotcrete reapplication
- Geomembrane Cover on western side of spillway hillside

Tailings Treatment Facility

Re-application of Shot-Crete on wall and application of Damp Proofing material

Tailings Treatment Facility

Installation of the Geo-membrane liner with Rock bolts

Tailings Treatment Facility

Installation of Handrail Along the Spillway

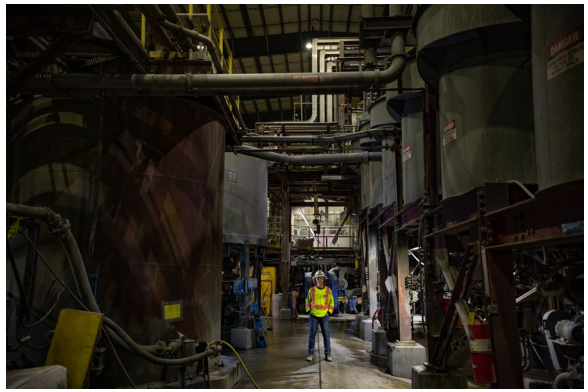
Tailings Treatment Facility

- On-going geo-chemical testing of Graphitic Phyllite material
- Four barrels were constructed on July 29, 2013
- Each barrel contained different sulfur contents of Graphitic Phyllite (GP)
- Barrel Leachate is collected on a monthly basis and volume of leachate measured along with water quality samples collected and sent to laboratory for analysis
- Results of Barrel testing will be used to assess the GP's stability under actual site conditions

Power Generation

Transitioned to new four gen-sets in January 2019

- 4 – 3.5MW generators/ 3 operate at one time
- Total continuous operating capacity 10.7 MW with peak capacity of 13.9 MW
- On a per megawatt (MW) basis, the new generators produce about
  - 85% less particulate matter (both PM10 and PM2.5)
  - 90% less carbon monoxide (CO)
  - 90% less sulfur dioxide (SO2)
  - 96% less Volatile Organic Compounds (VOC)
  - 10% less Nitrous Oxide/Dioxide (NOX) emissions



Surface Mobile Maintenance Shop

- Constructed surface mobile maintenance shop at the Camp Area
- Decommissioning the existing surface maintenance shop at Pit-4

Coeur Alaska Life of Mine Plan, 2021

- Based on the resource model developed internally by Coeur Alaska geologists
- Mine plan developed by Coeur Alaska engineers
- Mining method is primarily transverse long-hole stoping with paste backfill, and longitudinal long-hole stoping with paste backfill
- Production profile is 2,000 tons per day (tpd) through 2024

Kensington Technical Details

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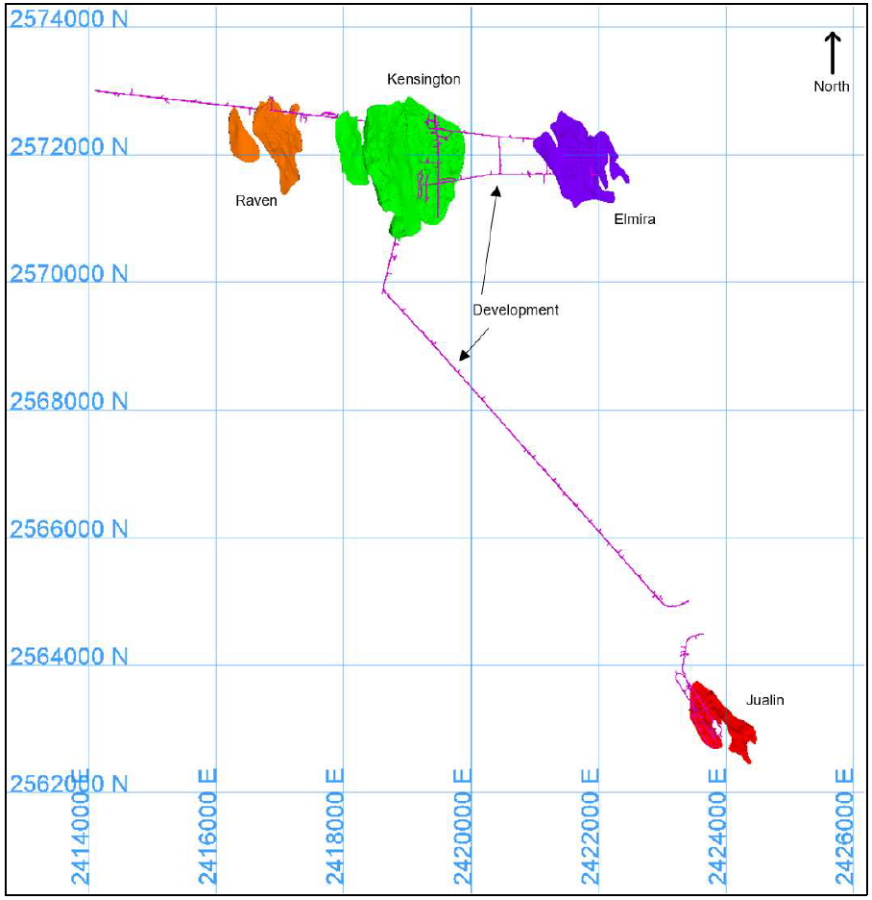
- Mine life through 2024
- Mine life based only on proven and probable reserves and does not include inferred resources
- Waste rock storage capacity with POA-1 is 2033
- Tailings storage capacity with POA-1 is 2033

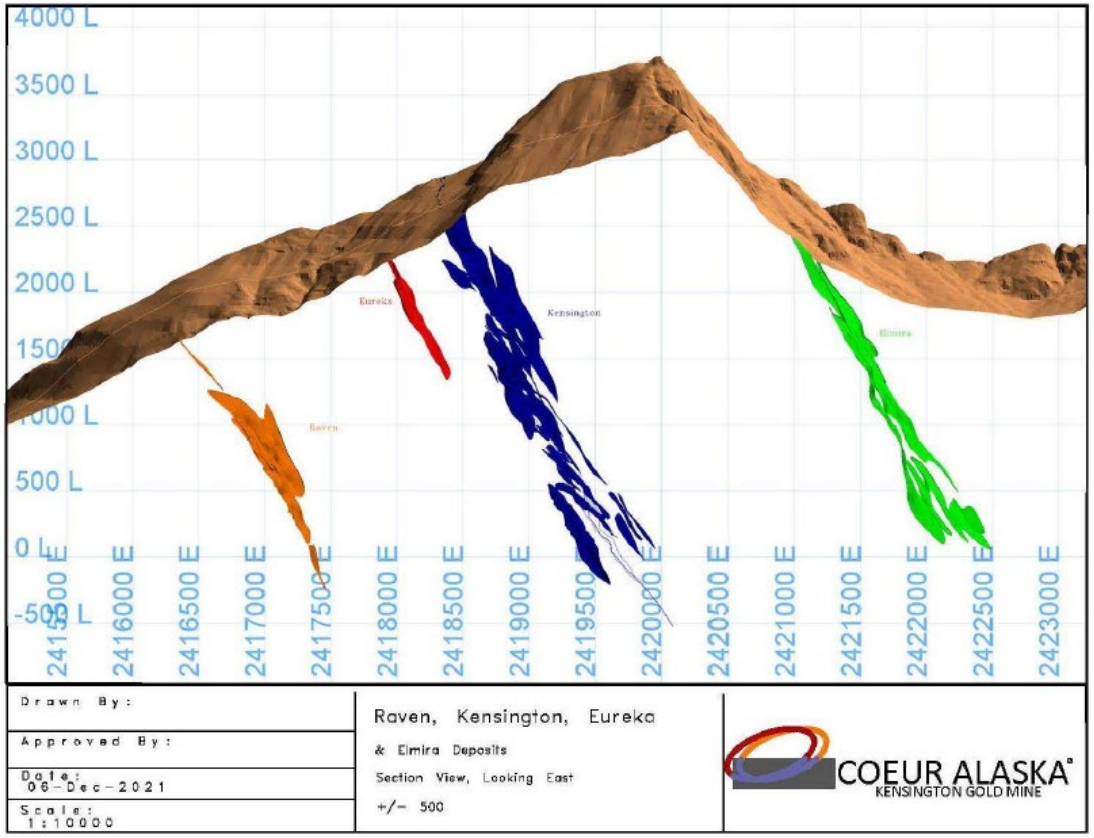
Mineral Reserve Statement, Effective December 31, 2021

Zone/Deposit	Mineral Reserve Classification	Tons (kst)	Au Grade (oz/st)	Au Contained Ounces (koz)	Cut-off Grade (Au oz/st)	Metallurgical Recovery (%)
Kensington	Proven	595	0.18	109	0.143	95
	Probable	337	0.17	56	0.143	95
	Subtotal proven & probable	*932*	*0.18*	*165*	0.143	95
Raven	Proven	9	0.46	4	0.143	95
	Probable	1	0.33	0	0.143	95
	Subtotal proven & probable	*10*	*0.44*	*5*	0.143	95
Jualin	Proven	0	0.00	0	0.201	95
	Probable	48	0.33	16	0.201	95
	Subtotal proven & probable	*48*	*0.33*	*16*	0.201	95
Elmira	Proven	0	0.00	0	0.142	95
	Probable	273	0.21	58	0.142	95
	Subtotal proven & probable	*273*	*0.21*	*58*	0.142	95
Eureka	Proven	52	0.22	12	0.143	95
	Probable	31	0.21	6	0.143	95
	Subtotal proven & probable	*83*	*0.22*	*18*	0.143	95
Total proven and probable mineral reserve	***Total proven***	***656***	0.19	***125***	***0.142–0.201***	**95**
	Total probable	***690***	0.20	***136***	***0.142–0.201***	**95**
	Total proven & probable	***1,346***	***0.19***	***261***	***0.142–0.201***	**95**

The Mineral Reserve estimates are current as at December 31, 2021 and are reported using the definitions in Item 1300 of Regulation S–K (17 CFR Part 229) (SK1300). The reference point for the mineral reserve estimate is the point of deliver to the process plant. The Qualified Person for the estimate is Peter Haarala, RM SME, a Coeur employee. The estimate uses the following key input parameters: assumption of conventional underground mining; gold price of US$1,400/oz; reported above a gold cut-off grade of 0.142-0.201 oz/st Au; metallurgical recovery assumption of 95%; gold payability of 97.5%, variable mining costs that range from US$90.91–150.73/st mined, process costs of US$46.93/st processed, general and administrative costs of US$38.83/st processed, and concentrate refining and shipping costs of US$60.00/oz sold. Rounding of short tons, grades, and troy ounces, as required by reporting guidelines, may result in apparent differences between tons, grades, and contained metal contents. Table 12-3 in Year End 2021 Technical Report Summary on file at www.sec.gov

Current Mining Regions

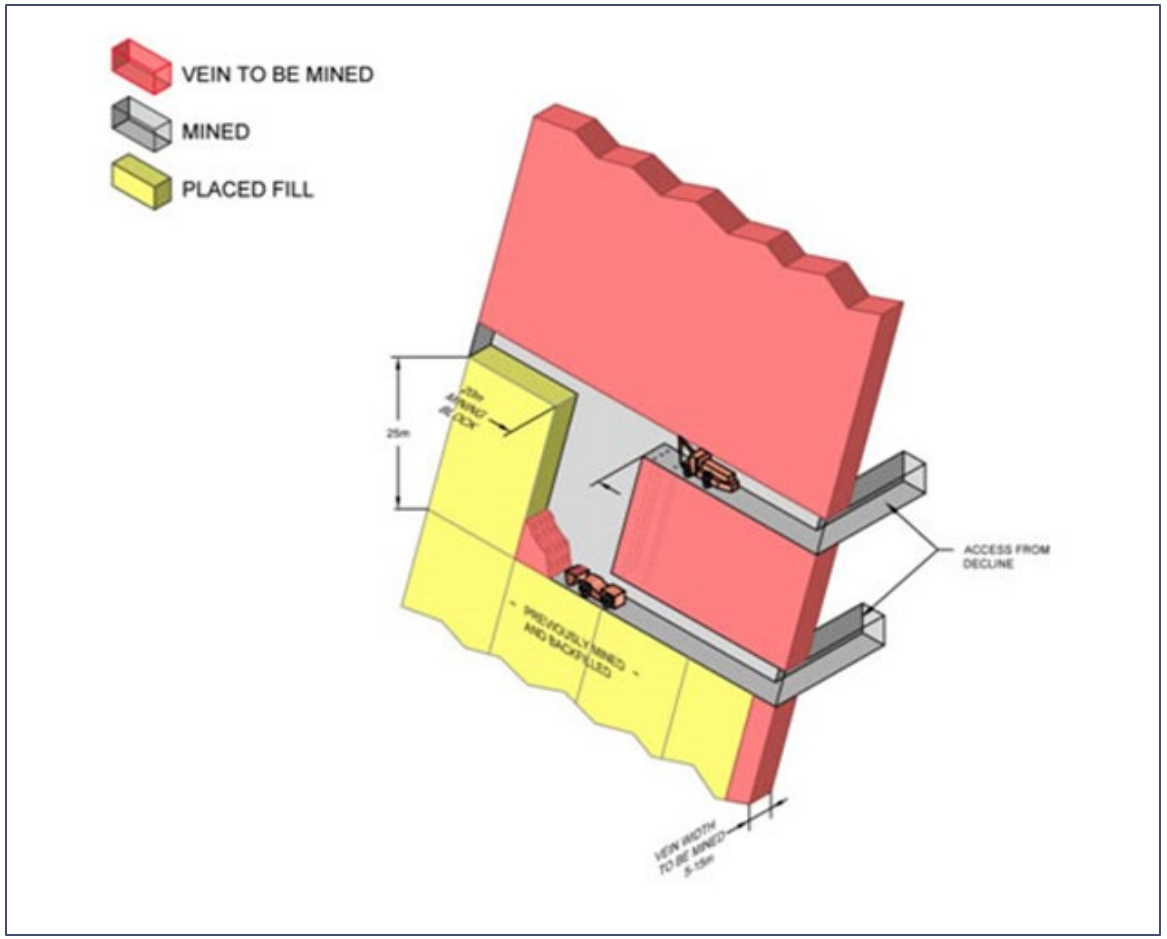




Elmira

- Narrow Vein Mining Method, primarily as a longitudinal longhole approach, using mechanized drifting with paste backfill

- Current Ore Reserves at EOY21 of 273,000 tons at 0.21 opt – total of 58,000 ounces



Elmira

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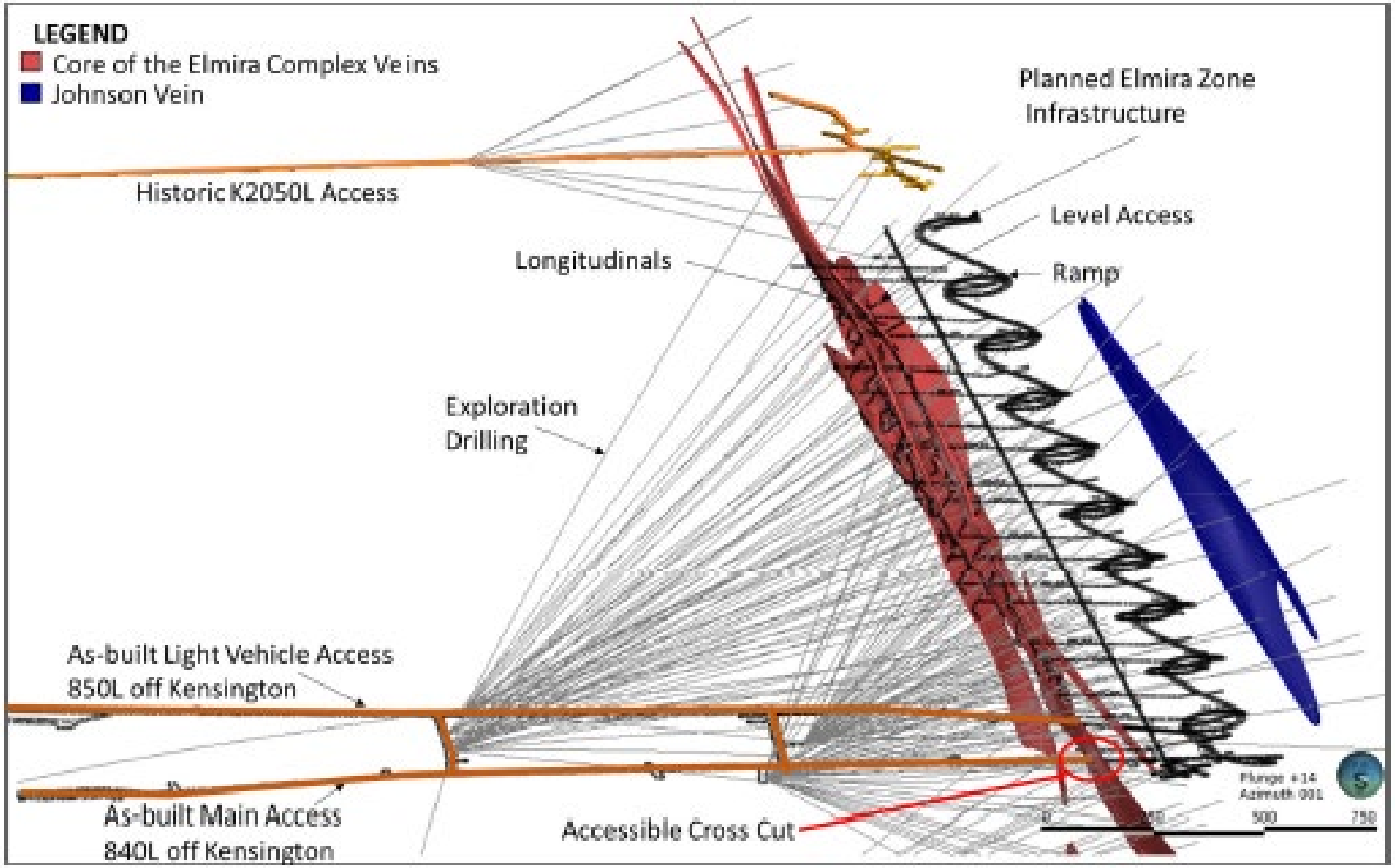
Oblique View of the proposed Elmira Zone

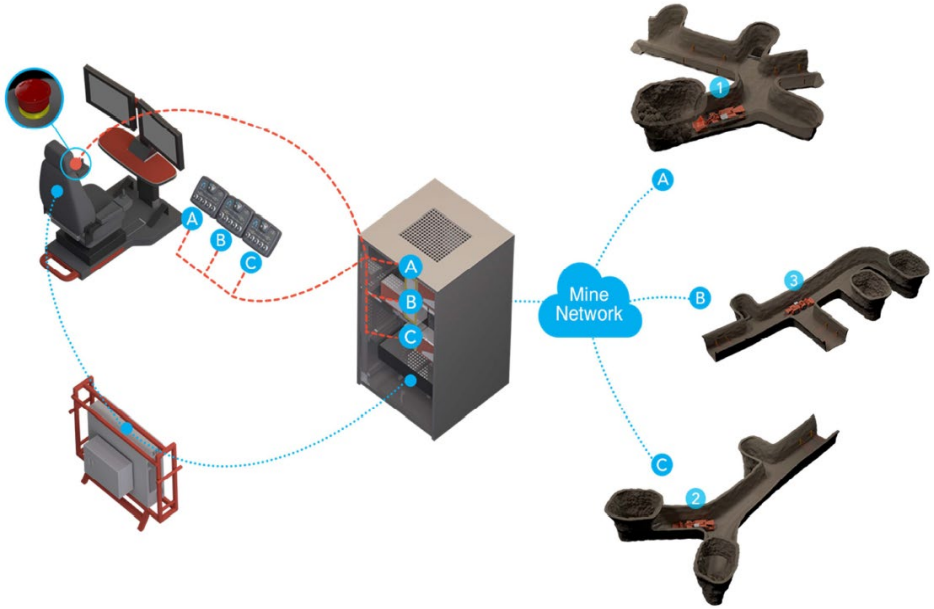


Equipment Automation – Sandvik Automine

- Remote station installed at the mine
- The mucker is operational

Single Control Station

- Can control up to 3 loaders in 3 autonomous areas
  - Must be discretely separated areas
  - Actively managing 1 at a time, while others are autonomous, or awaiting input
- Can be expanded with additional control stations and server upgrades in the future



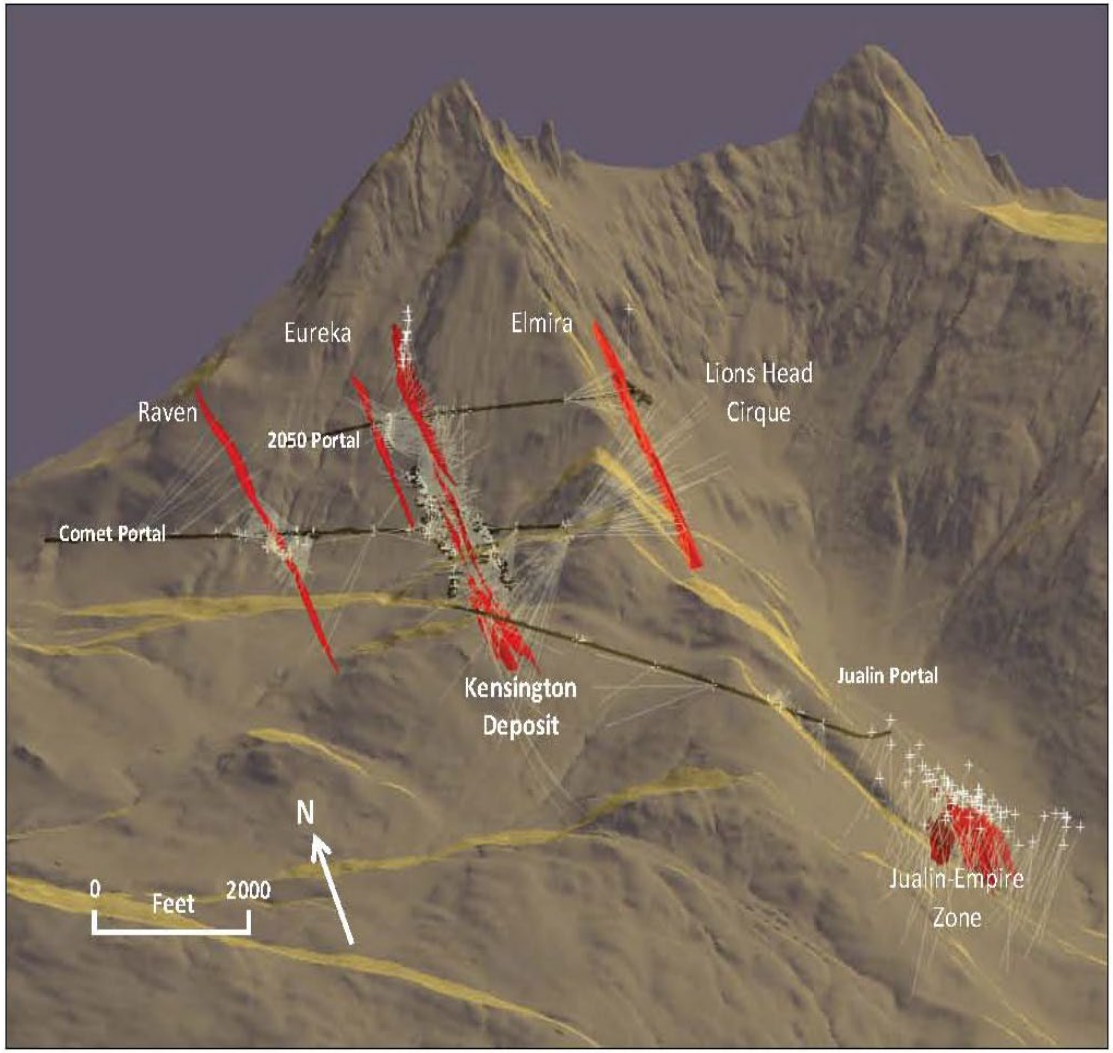
Paste Plant Operation

- Commissioned in May 2012
- Approximately 315,690 short tons of tailings conveyed to paste plant in 2021
- Correlates to approximately 49% of tailings produced at site were utilized in paste plant

› UG Drilling Activities in 2021

- Total of 187,029 feet of underground core drilling was completed between January and December of 2021
- The production drilling was comprised of 28,605 feet
  - This program was assessed in the up-ramp and down-ramp
- The exploration drill program included 158,424 feet underground

Figure 9.1: Perspective View Looking North of Kensington Area Deposits and Drilling



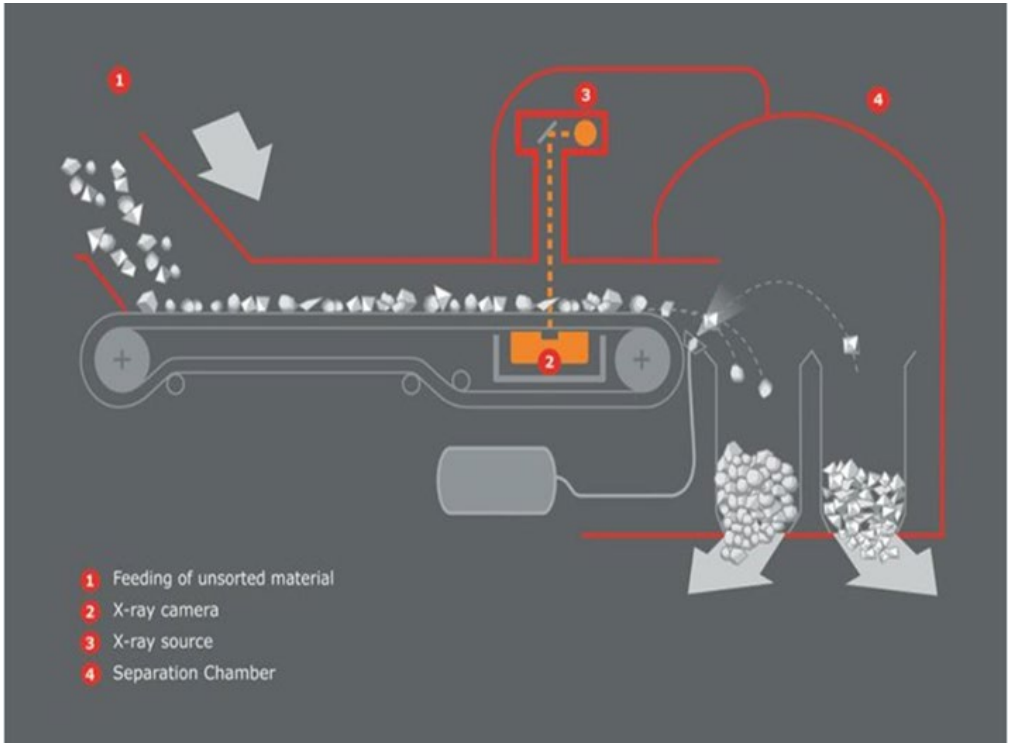
Mill Operations in 2021

2021 End-of-Year Numbers:

- 673,625 short tons milled
- 16,671 short tons of concentrate shipped to an off-site refinery
- 123,550 ounces of gold produced

X-Ray Sorter

- Operated on Portal Bench in 2021
- Test sorting of crushed and screened low-grade ore was conducted in 2021
- Additional testing started on May 29, 2022



Analytical Laboratory Facilities

- Conduct Assays for Underground Mine, Mill, Underground & Surface Exploration Programs, Water Treatment Plants
- Multi-element XRF Analysis of Soils, Ores, and Concentrates

Sample Prep

Fire Assay

Wet-Chemistry Lab

Water Treatment Plant Performance

Water Treatment Operations

- Two Water Treatment Plant Supervisors
- 28 Water Treatment Plant Operators

Water Treatment Plant Performance

- Strong Performance in 2021 with no permit non-conformances occurred at the Comet Mine Water Treatment Plant (Outfall 001), and
- No permit non-conformances occurred at the Tailings Treatment Facility Water Treatment Plant (Outfall 002)

Plant Performance

- Strong performance in 2021 as the Potable Water System operated without a Water Quality Non-Conformance, and
- Wastewater Treatment Plant had No Permit Threshold Non-Conformances

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Toxic Release Inventory (TRI) Reporting RY-20

- Form-R submittals for Ammonia, Nitrate, Xylene, Naphthalene, 1,2, 4-Trimethylbenzene, Chromium, Copper, Manganese, Nickel, Lead, Vanadium, Zinc, Mercury and Propylene, Ethylene Glycol.
- Urea is utilized in generator as part of the Selective Catalytic Reduction (SCR) systems to reduce Nitrogen Oxides (NOx). Urea converted to anhydrous ammonia through thermal decomposition
- Naphthalene, 1, 2, 4-Trimethylbenzene & Xylene reported as a result of quantity of diesel fuel usage at the site - primarily in the generators
- Lead, Copper, Zinc, Vanadium compounds, & mercury are a result of tailings being used in Paste Backfill & released to land (underground) and surface impoundment
- Chromium, Manganese, Nickel contained in the grinding balls utilized in the mill & also contained in tailings used in Paste Backfill

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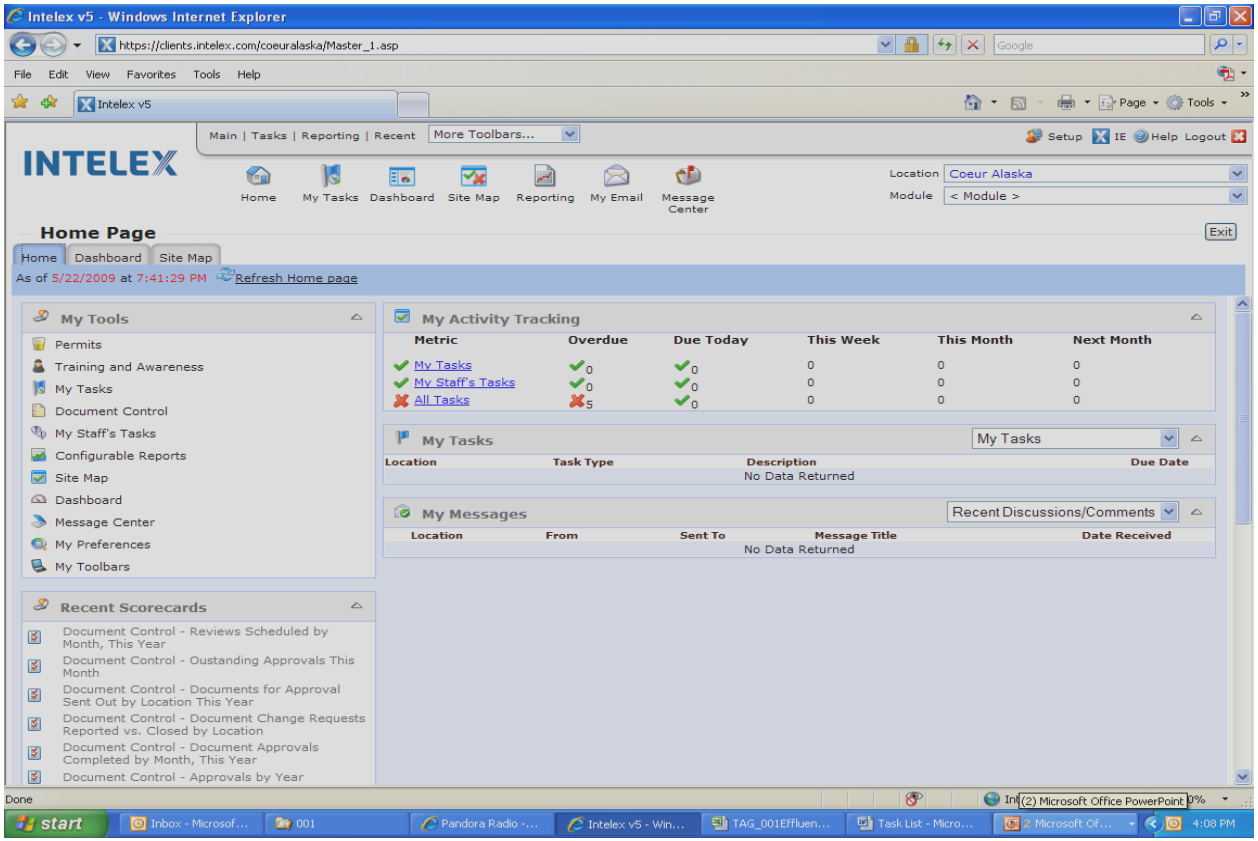
INTELEX Software

Continued Updating & Maintenance of System as this is a Large Portion of the Environmental Management System (EMS); Permit requirement tracking system, Spill and Incident Reporting modules.

INTELEX

INTELEX module focus in 2021

- Environmental Hazard reporting and
- Environmental Near Miss Reporting



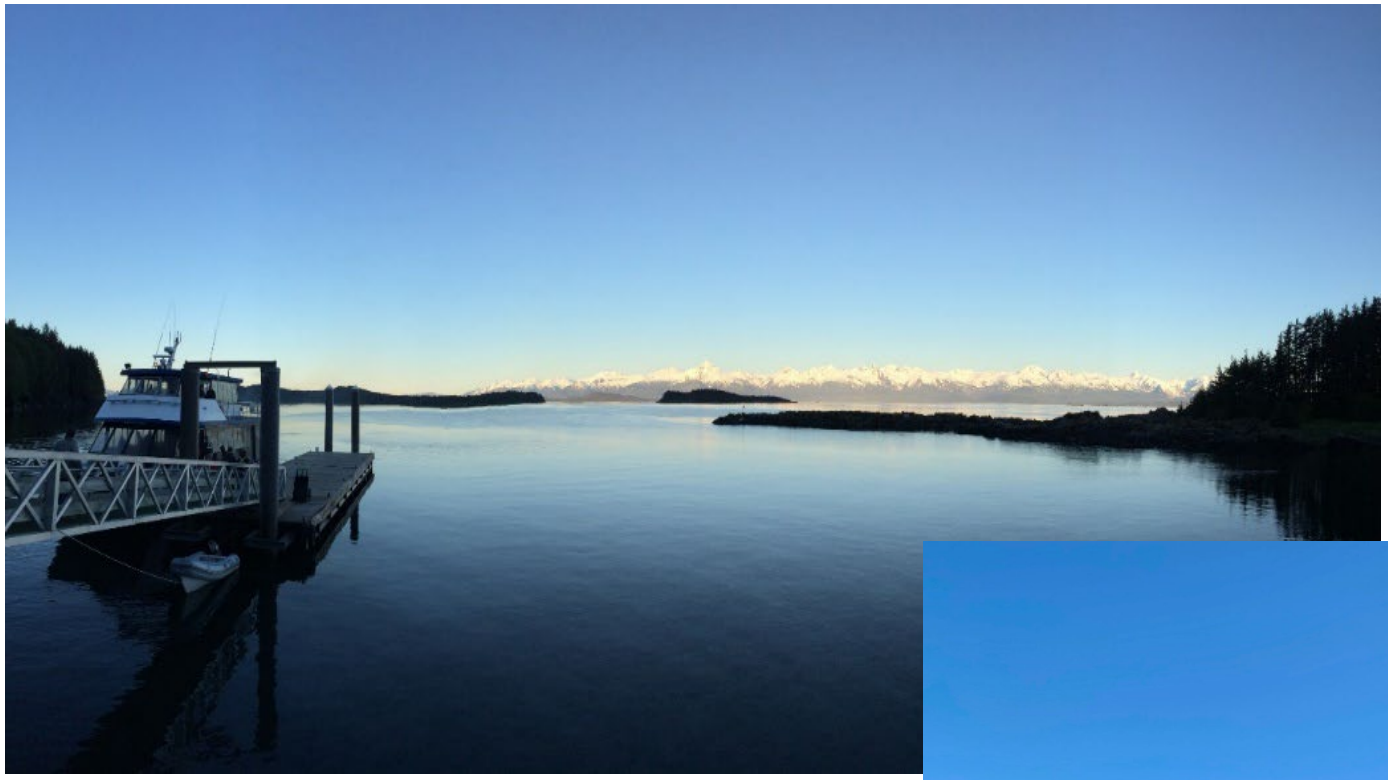
ESG Report

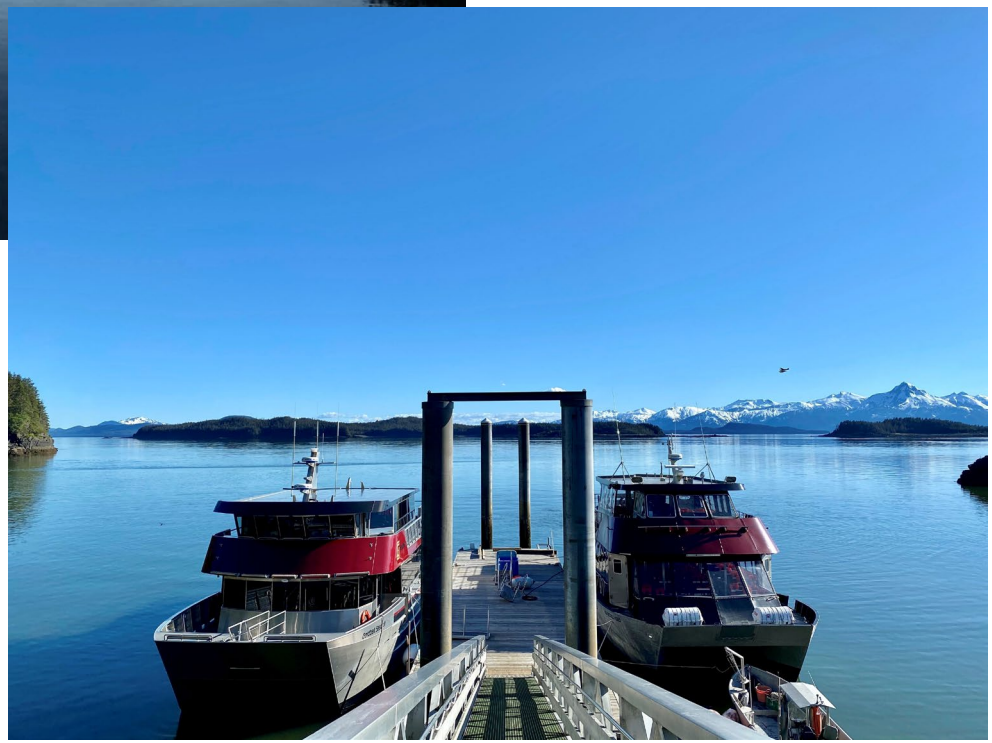
- Environmental, Social, and Governance (ESG) Report compiled for all mines world-wide
- Several metrics for environmental, safety, community are being tracked on routine basis for incorporation into the report
- http://www.coeur.com/responsibility/

Transportation Plan

- Primary mode of transportation during 2021 was MV Seawolf (operated by Goldbelt Transportation)
- Helicopters & float planes still used on an as-needed basis

Mine Transportation





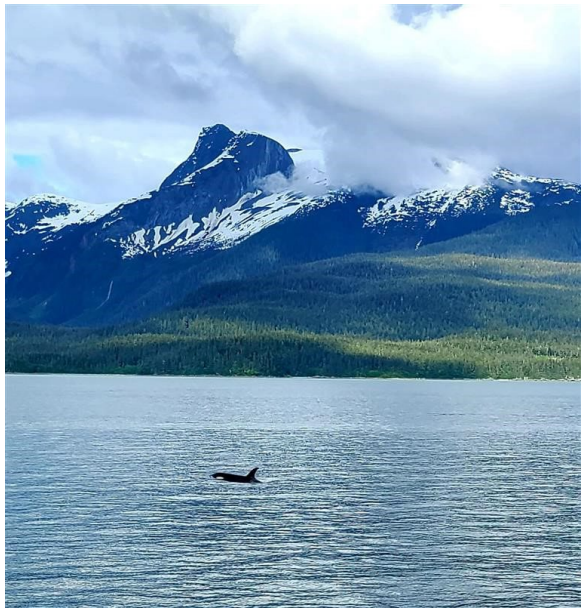
Transportation Plan

- Yankee Cove was primary dock utilized in 2021
- Echo Cove utilized on limited basis from October 2020 – April 2021 when unsafe weather conditions prevented the use of Yankee Cove

Slate Creek Cove Dock

Standard Operating Practice for Eulachon

- Marine mammal/vessel encounters are recorded and reported.
- Mutual agreement of 2-3 wk “eulachon spawning season” during which time:
  - No fueling within Berners Bay.
  - “Protected Species Observer” to accompany crew vessel.
  - No more than 2-3 vessel trips/day.
  - Vessel speed reduced to 13 knots within bay.
  - Reduce or eliminate fuel shipments by stocking up on fuel prior to eulachon season.
  - Adjust routing to avoid fish congregations.



Marine Mammal Monitoring 2021

- 122 marine mammal surveys were conducted by the crew transportation boat running from Yankee Cove to Slate Cove between April 26 and May17, 2021.
- No substantial marine mammal activity increase was identified in Berners Bay during 2021.
- The “eulachon spawning season” was adopted from April 26th to May 17th during 2021.
- There were no marine mammal encounters in 2021

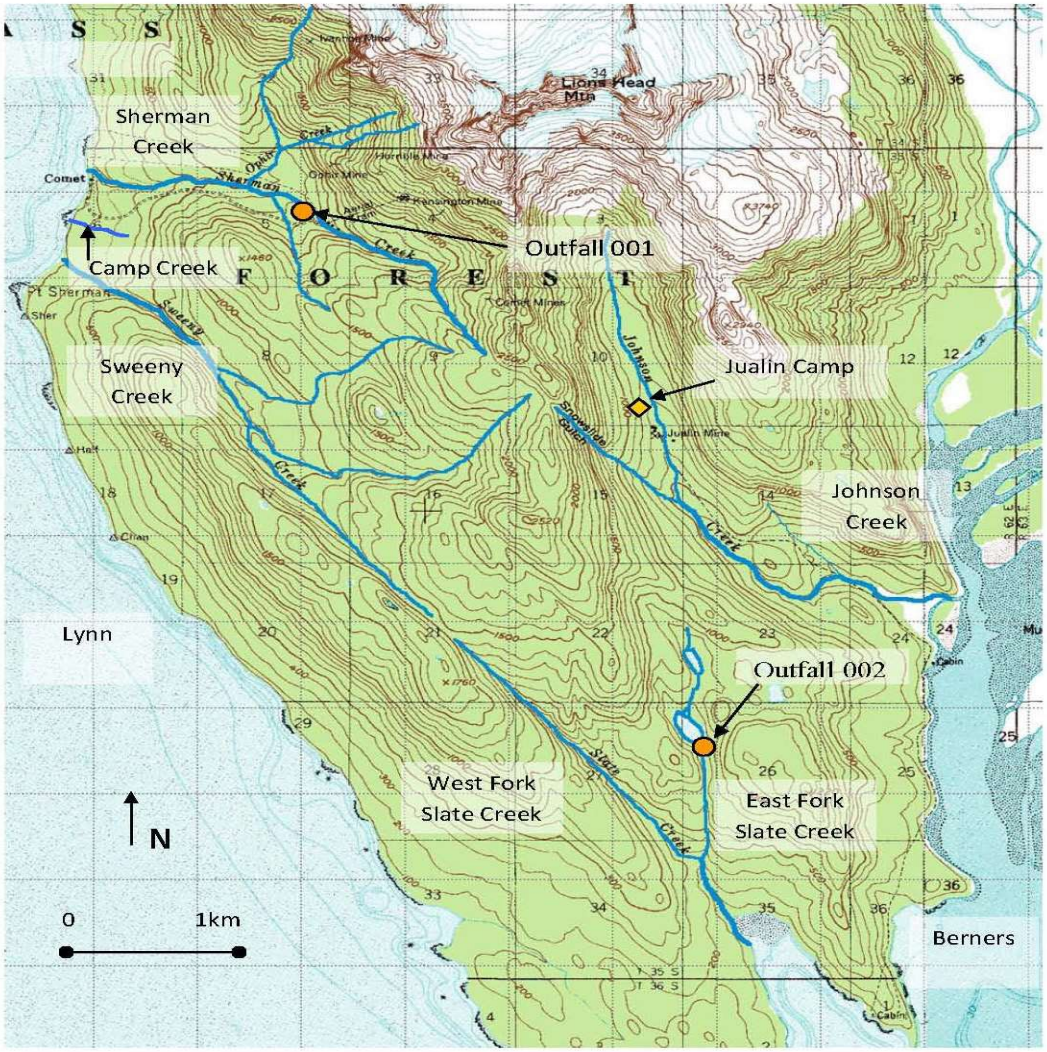
2021 Water Quality

QA/QC Monitoring Data Review

- Field Blind Duplicate Comparison
- Blind Duplicate Comparison conducted at both outfalls and receiving water stations
- Field blank analysis conducted at all sites for low-level mercury
- Review of Monitoring Data Collected
  - Laboratory Data
  - Field Data
- Overall Completeness Review

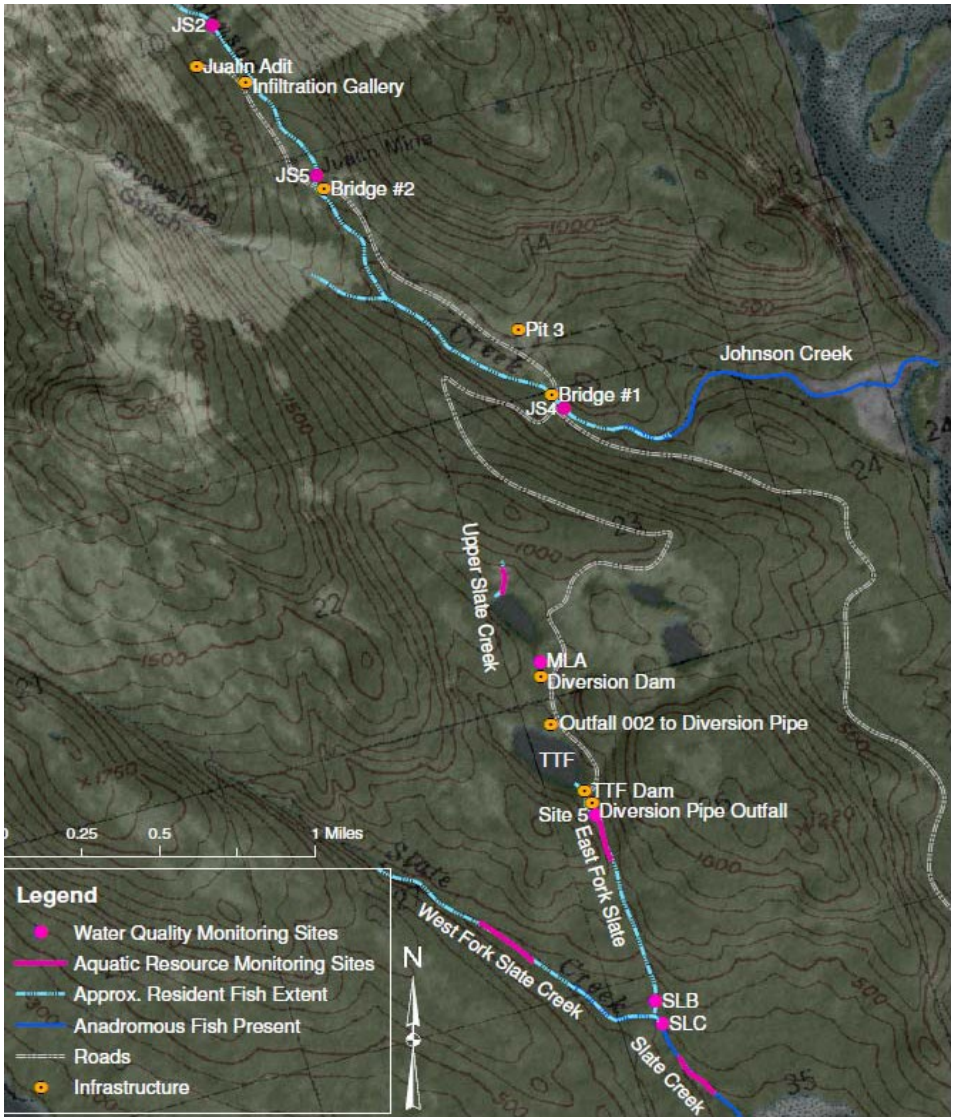
Water Quality- Monitoring Locations

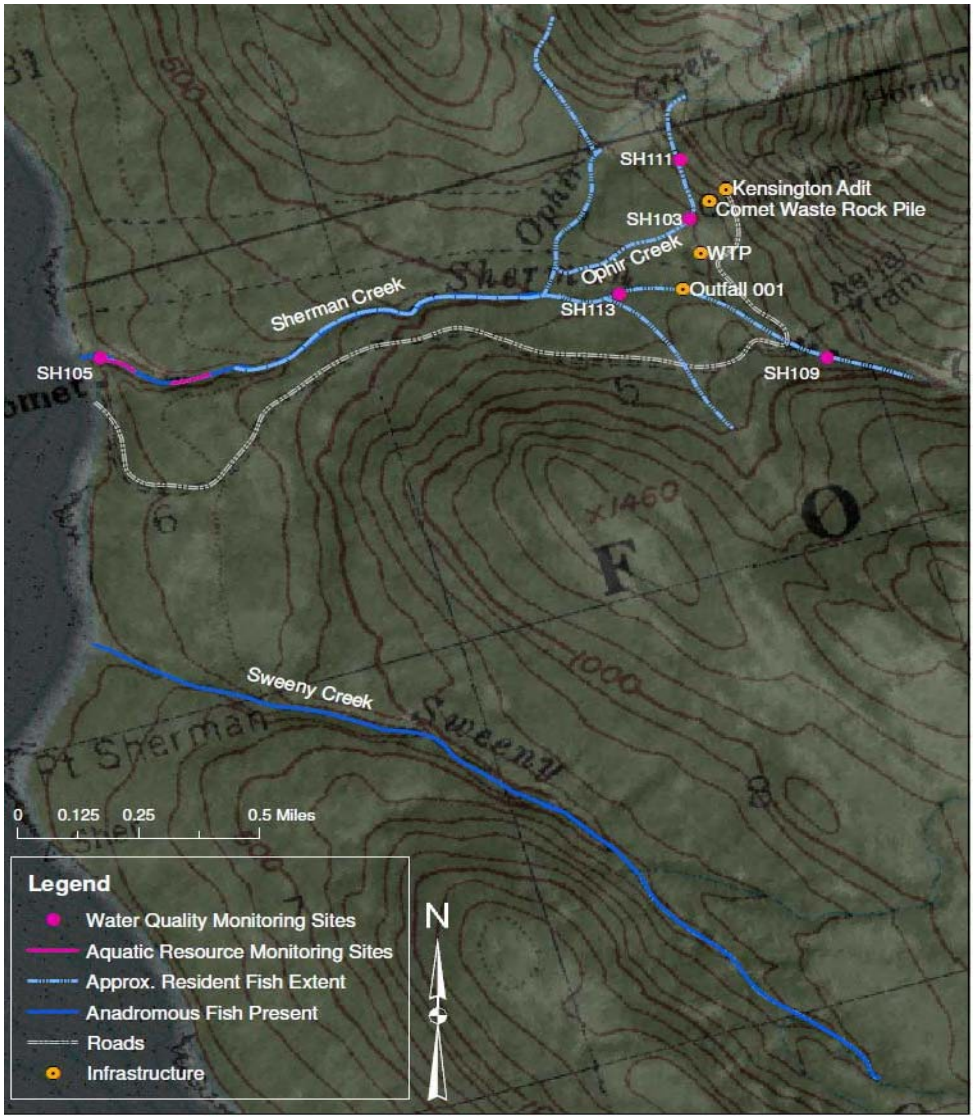
- **Outfalls**
  - 001 (Active)
  - 002 (Active)
- **Receiving Waters**
  - Sherman Creek
  - Ophir Creek
  - Slate Creek
  - Johnson Creek



› Monitoring Sites

Water Quality & Aquatic Resources





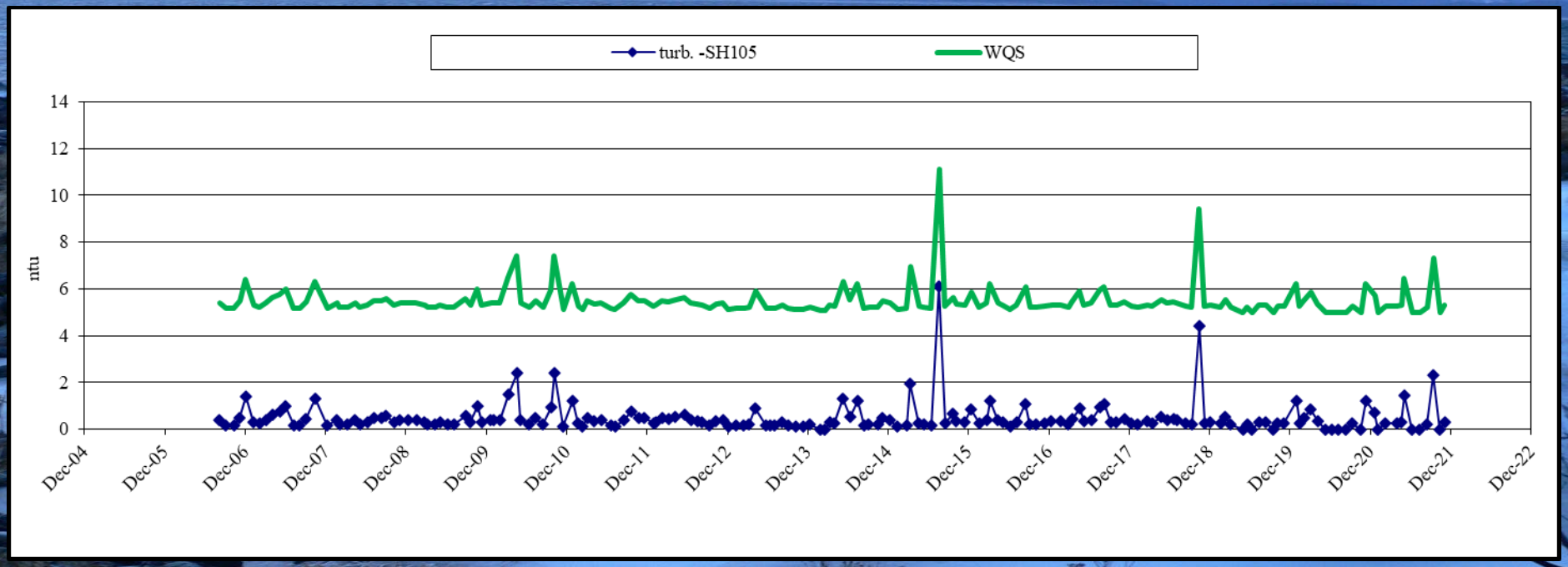
› Water Quality - Receiving Waters

Project Area receiving waters generally…

- Have peak water temperature in August or September
- Have mildly basic pH
- Are at or near oxygen saturation
- Are generally soft (in most cases <100ppm hardness, excluding SH113 and SH103)
- Contain low levels of sulfate (<10ppm, excluding Sherman Creek)
- Have low concentrations of dissolved metals
- Have seasonal fluctuation of conductivity with peak in winter

Water Quality – Sherman Creek

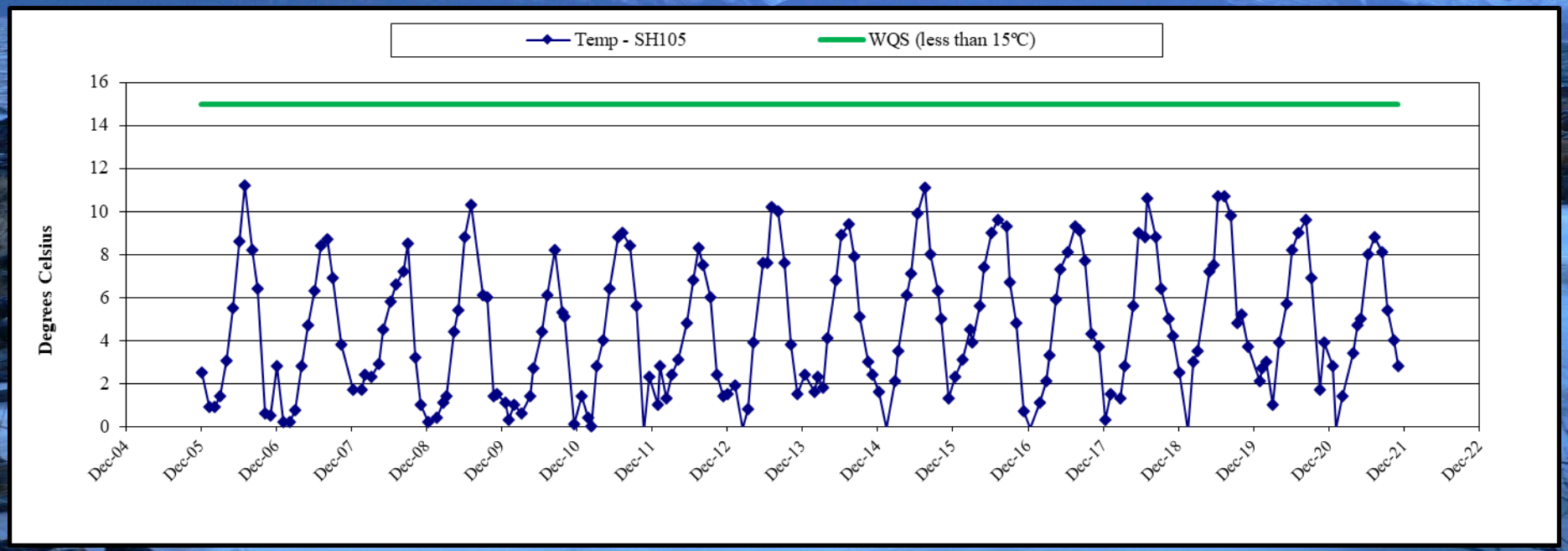
Turbidity SH105



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

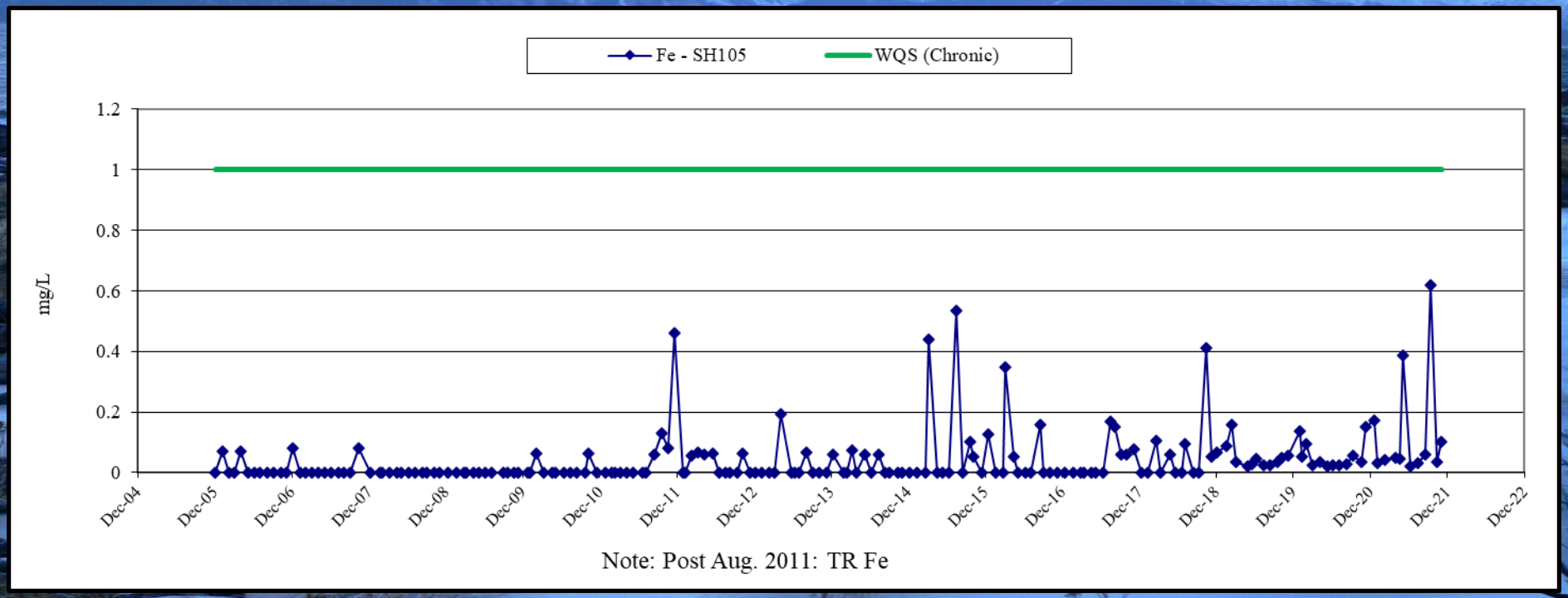
Temperature SH105



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

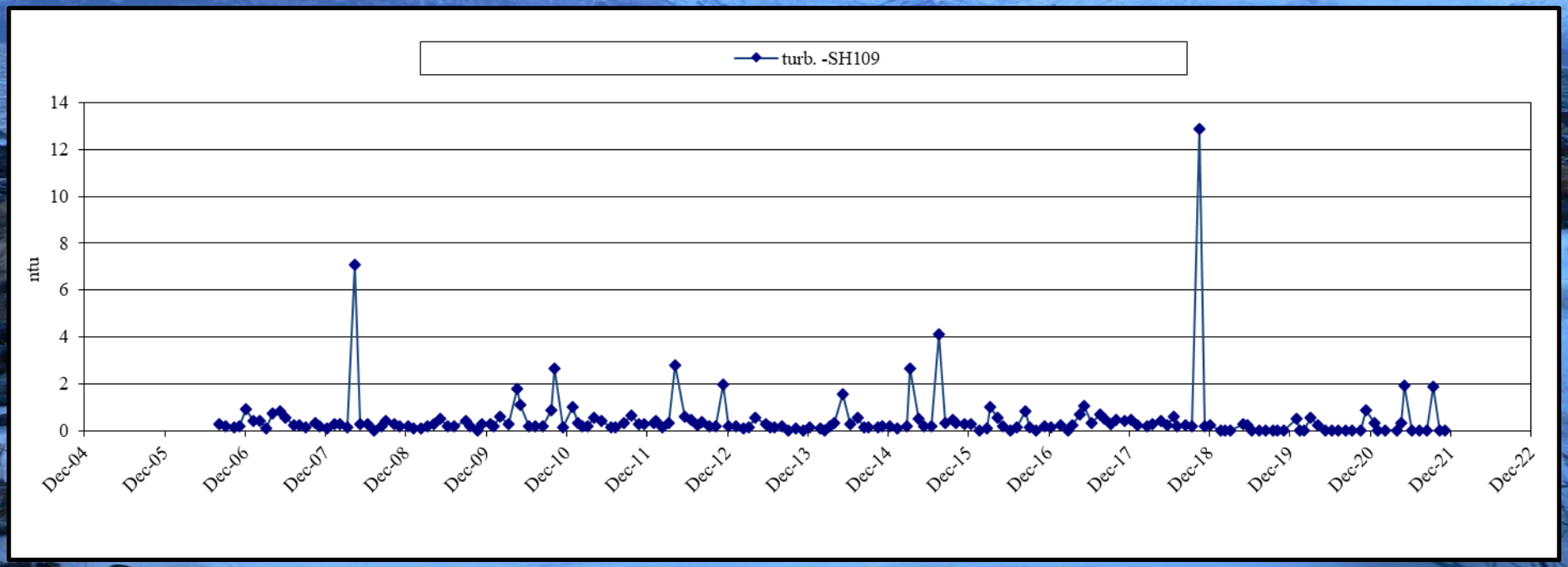
Iron SH105



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

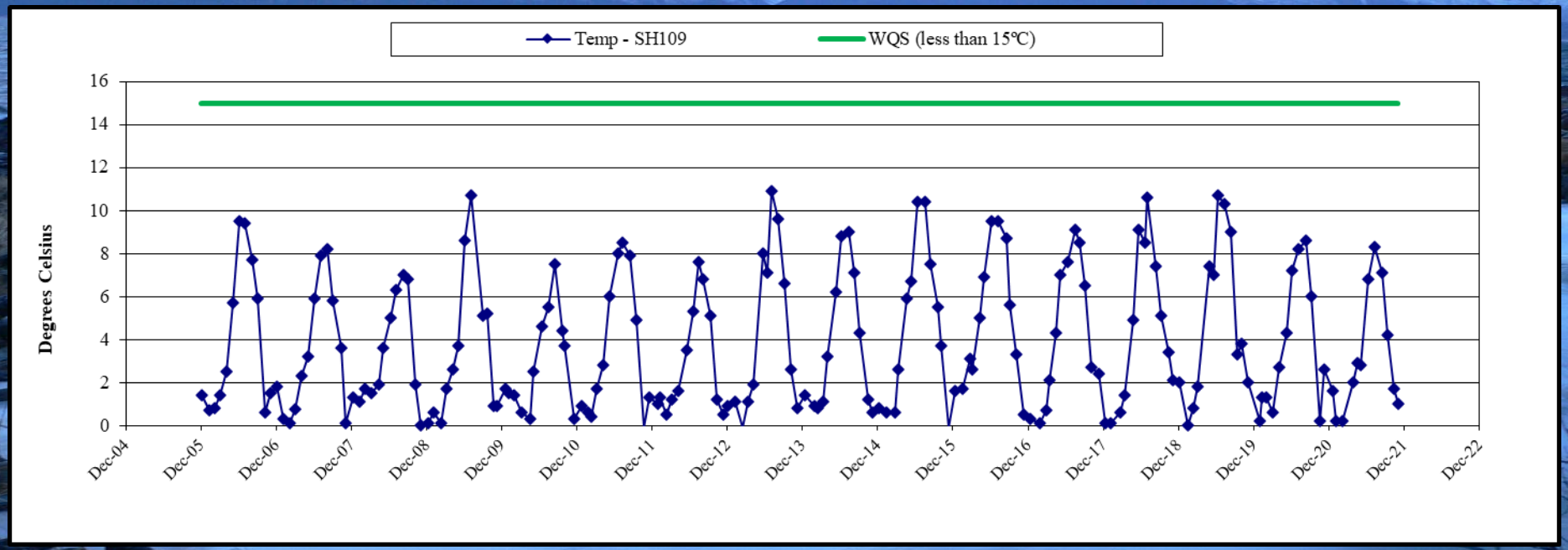
Turbidity SH109



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

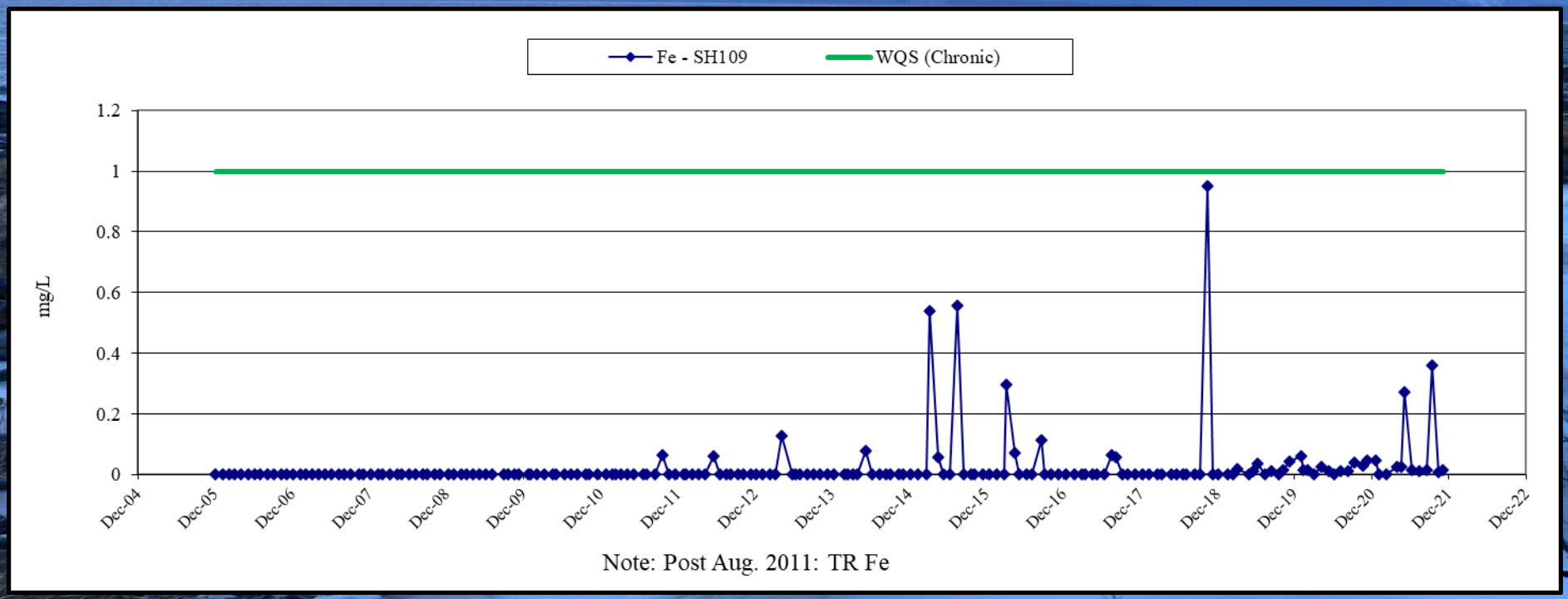
Temperature SH109



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

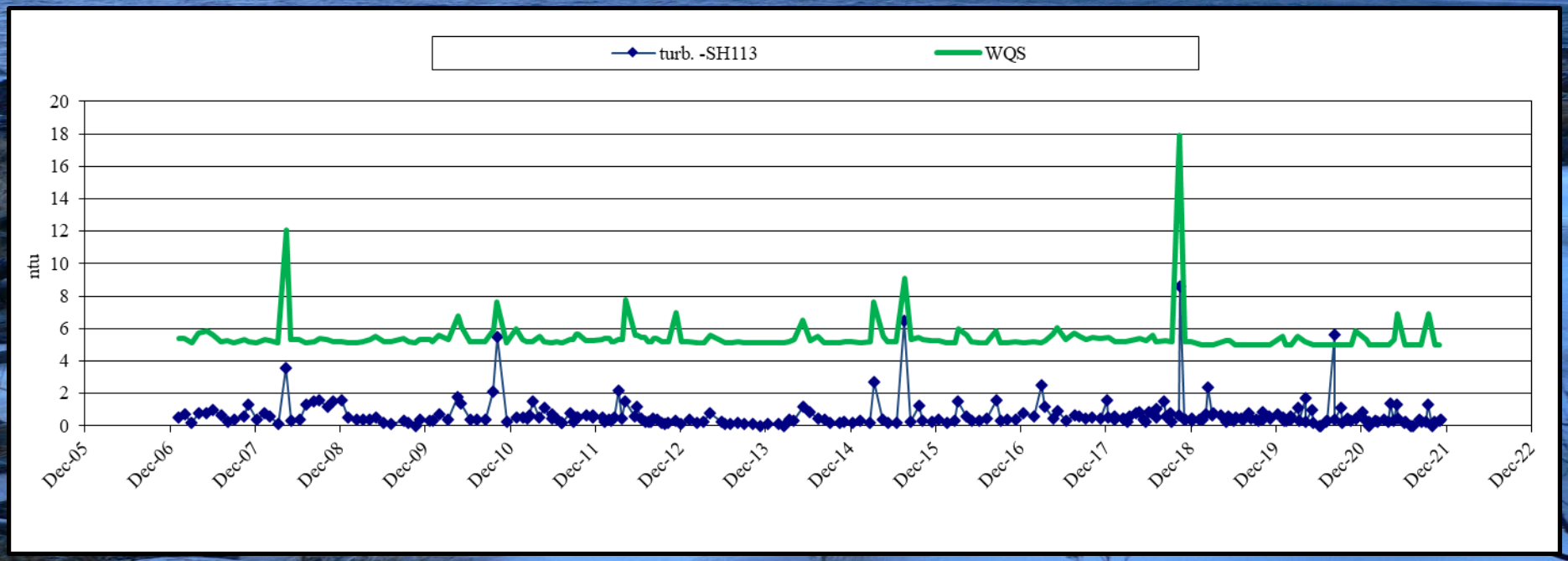
Iron SH109



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

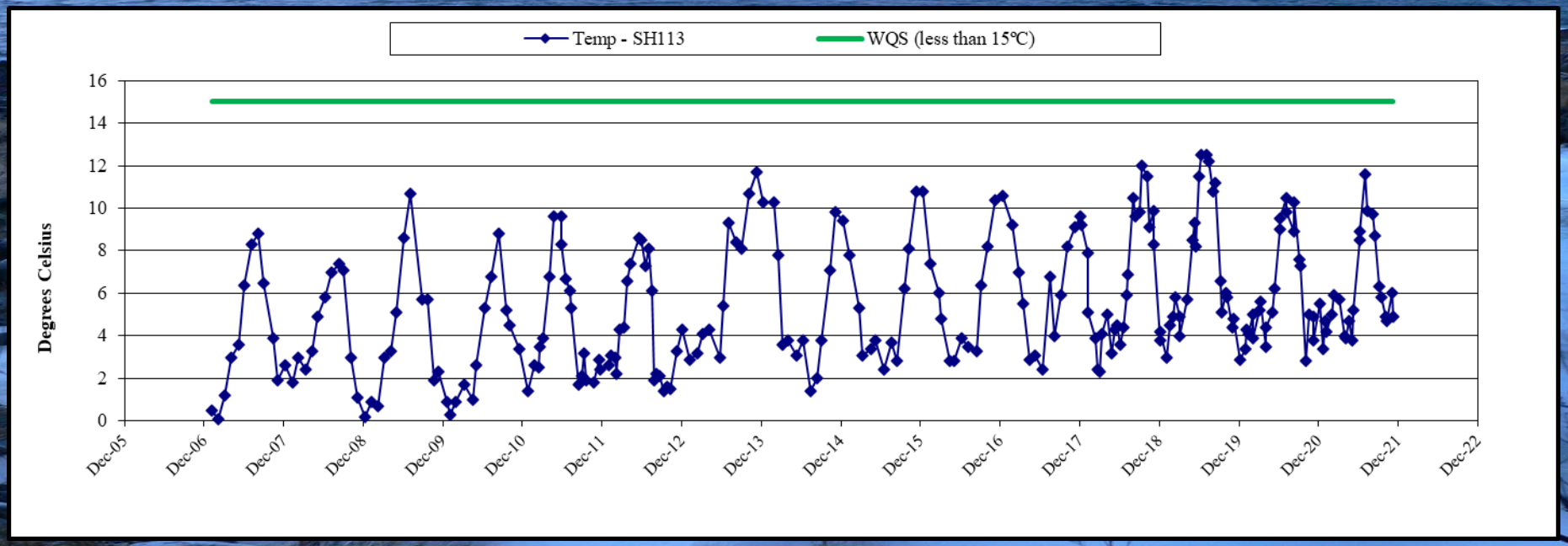
Turbidity SH113



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

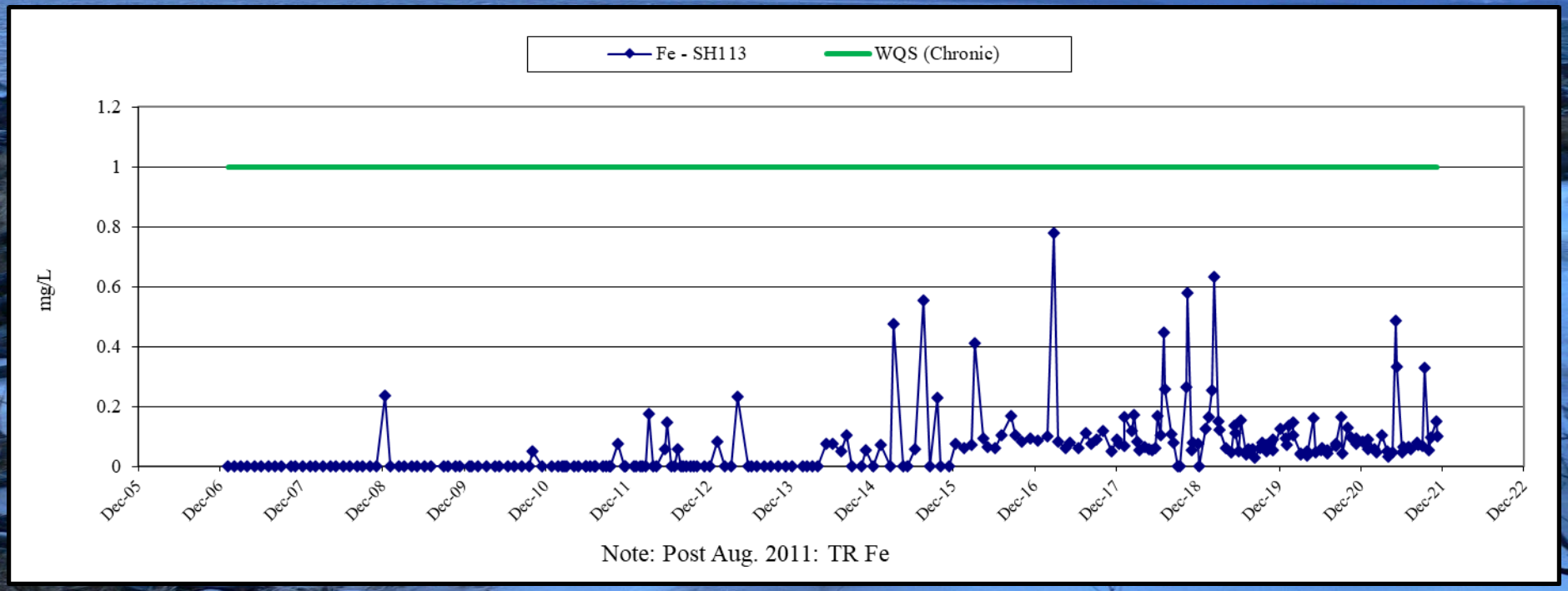
Temperature SH113



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Sherman Creek

Iron SH113

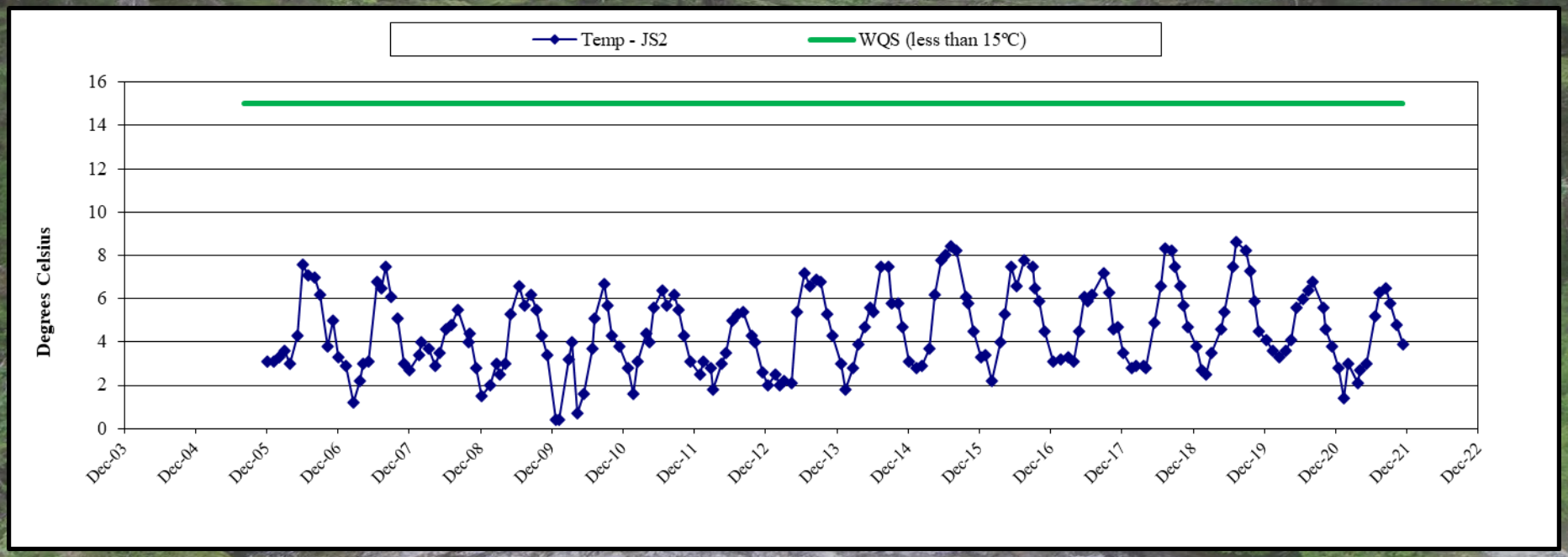


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

COEUR ALASKA®

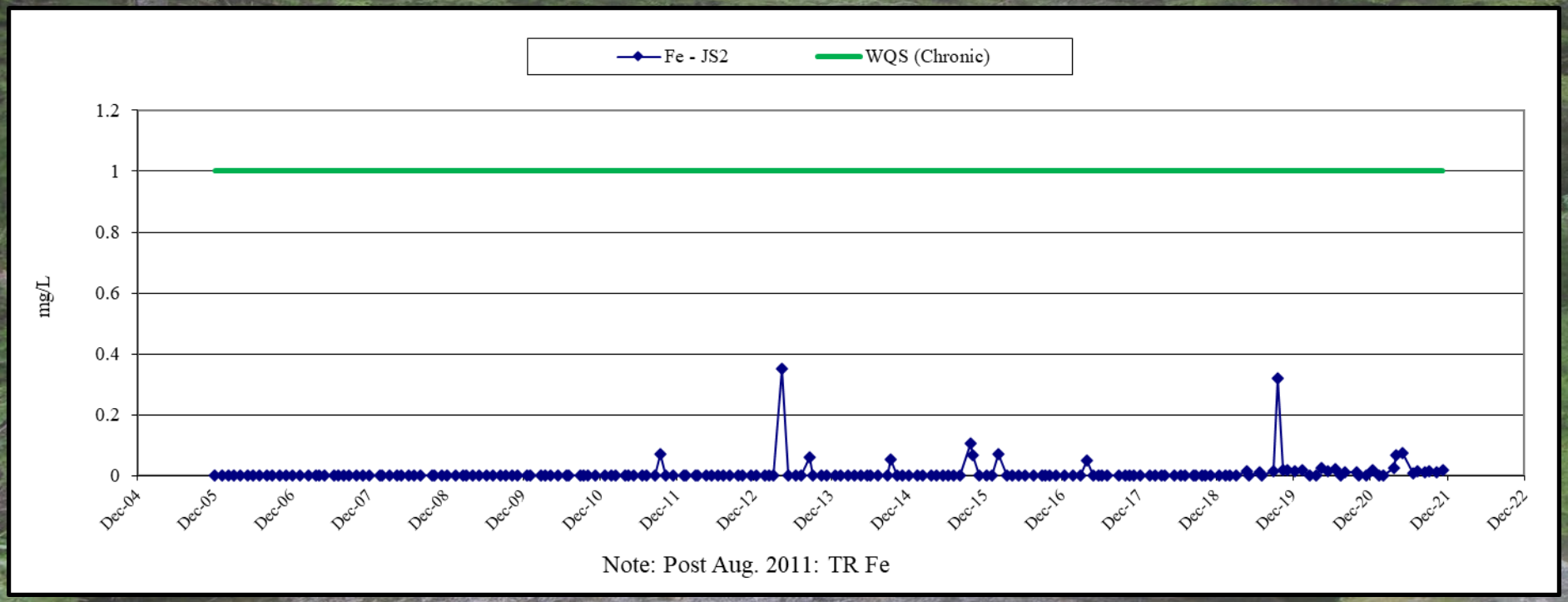
Temperature JS2



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

Iron JS2

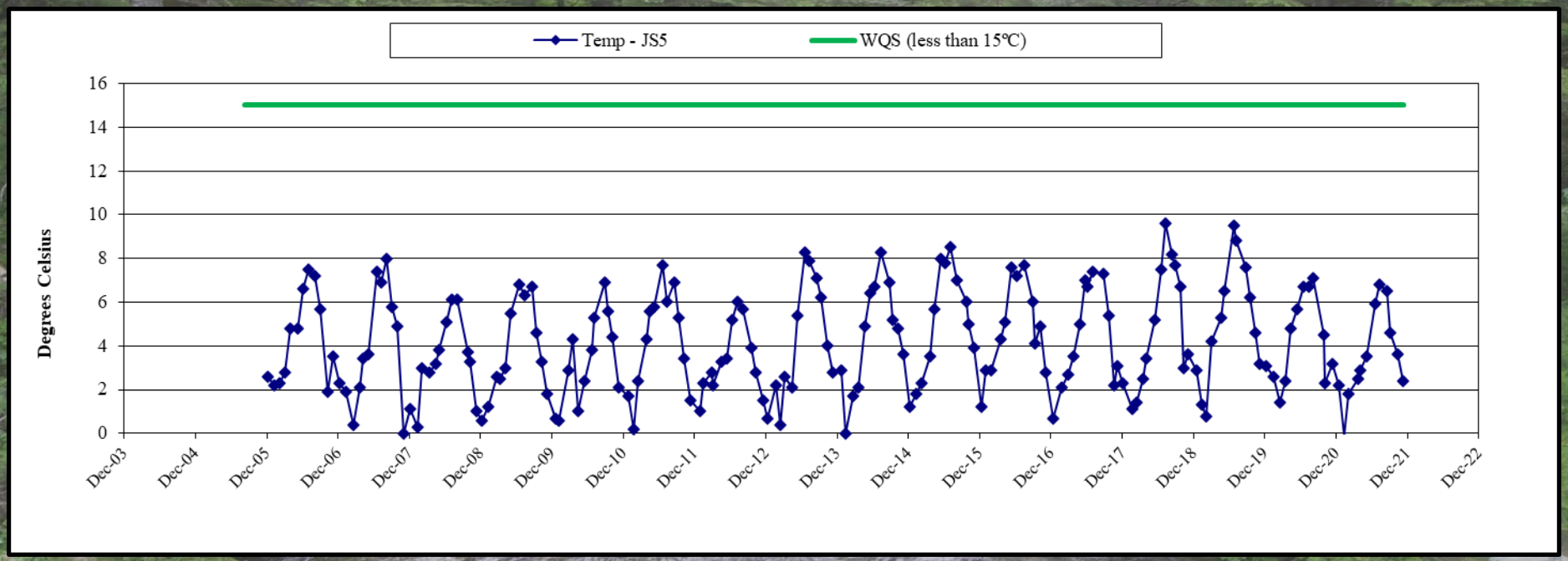


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

COEUR ALASKA®

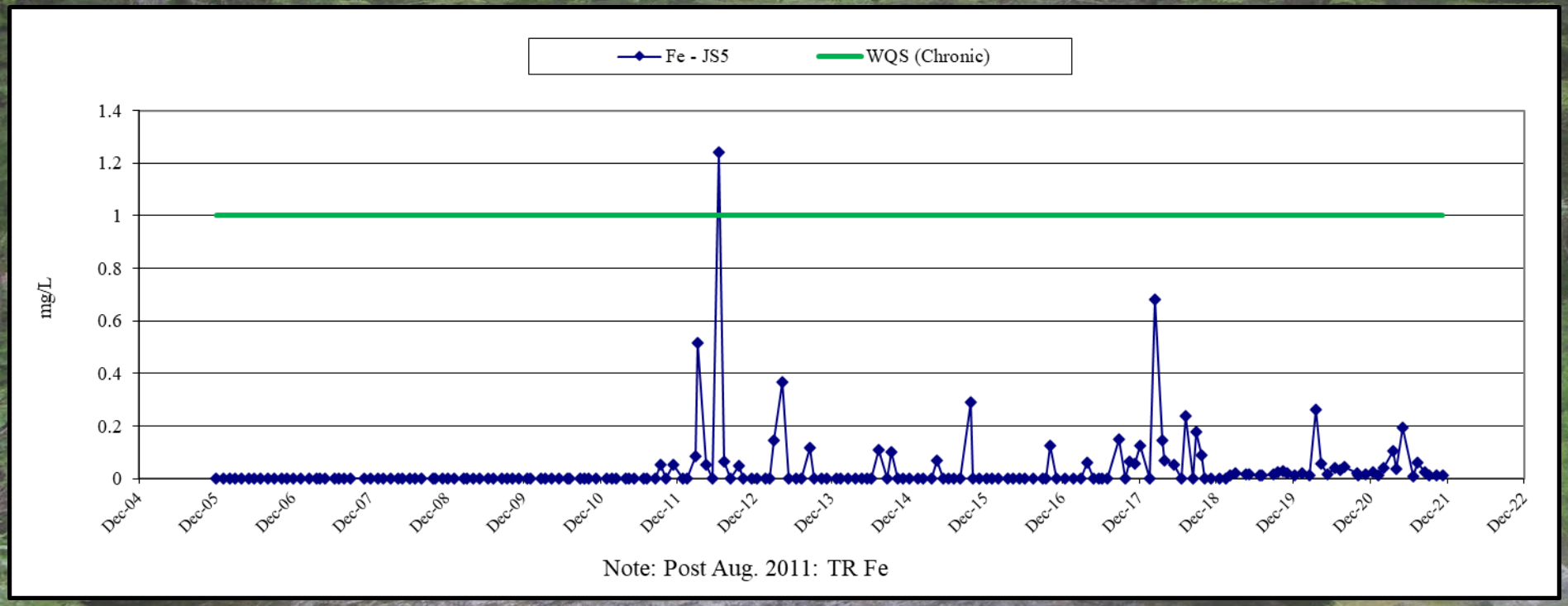
Temperature JS5



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

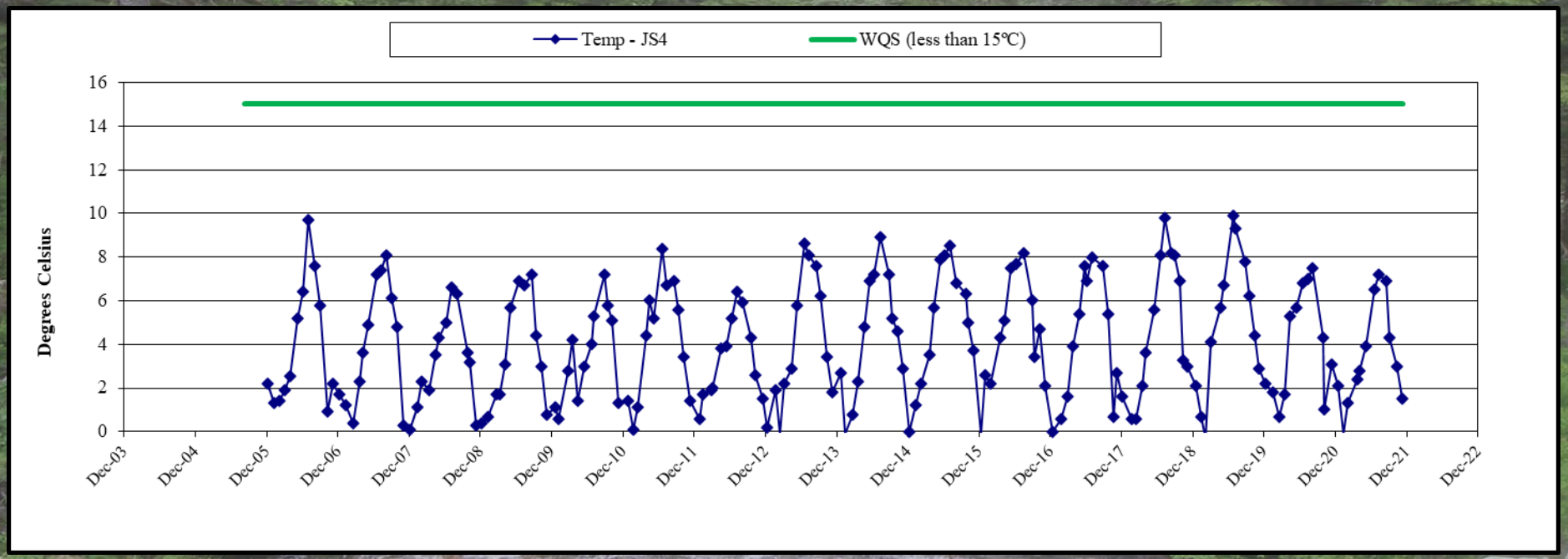
Iron JS5



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

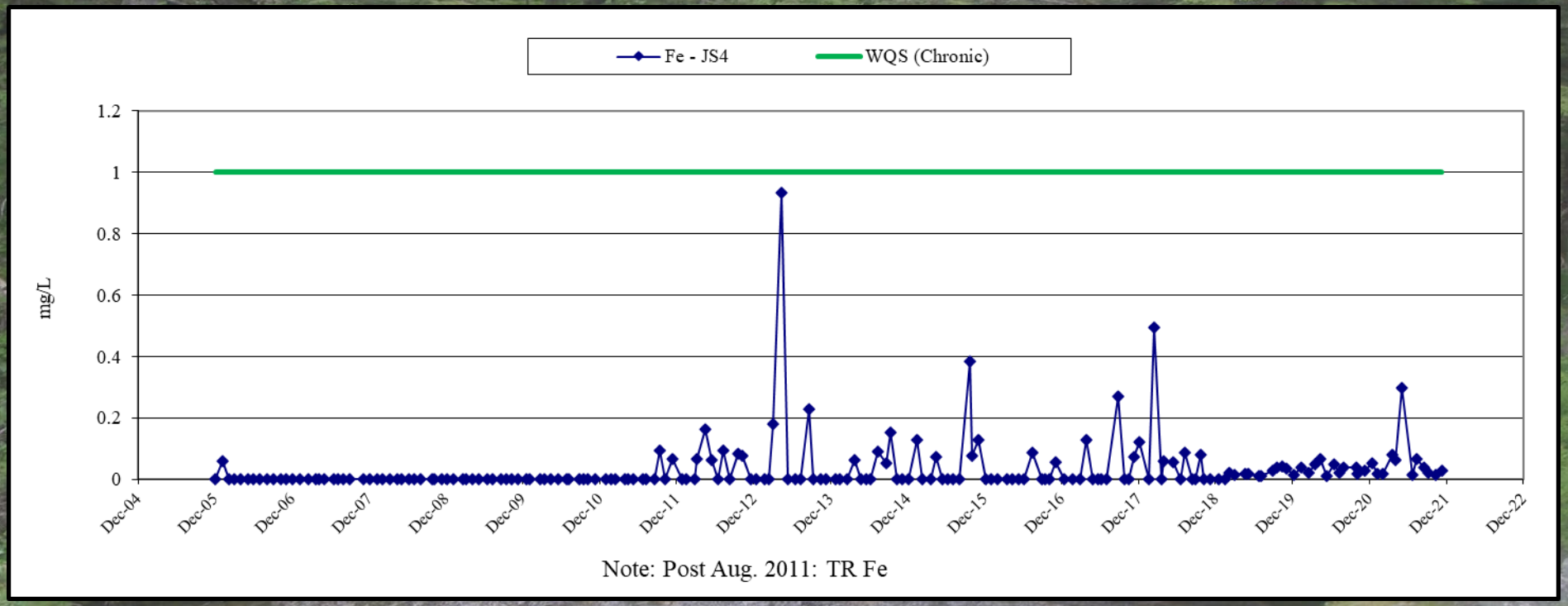
Temperature JS4



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality –Johnson Creek

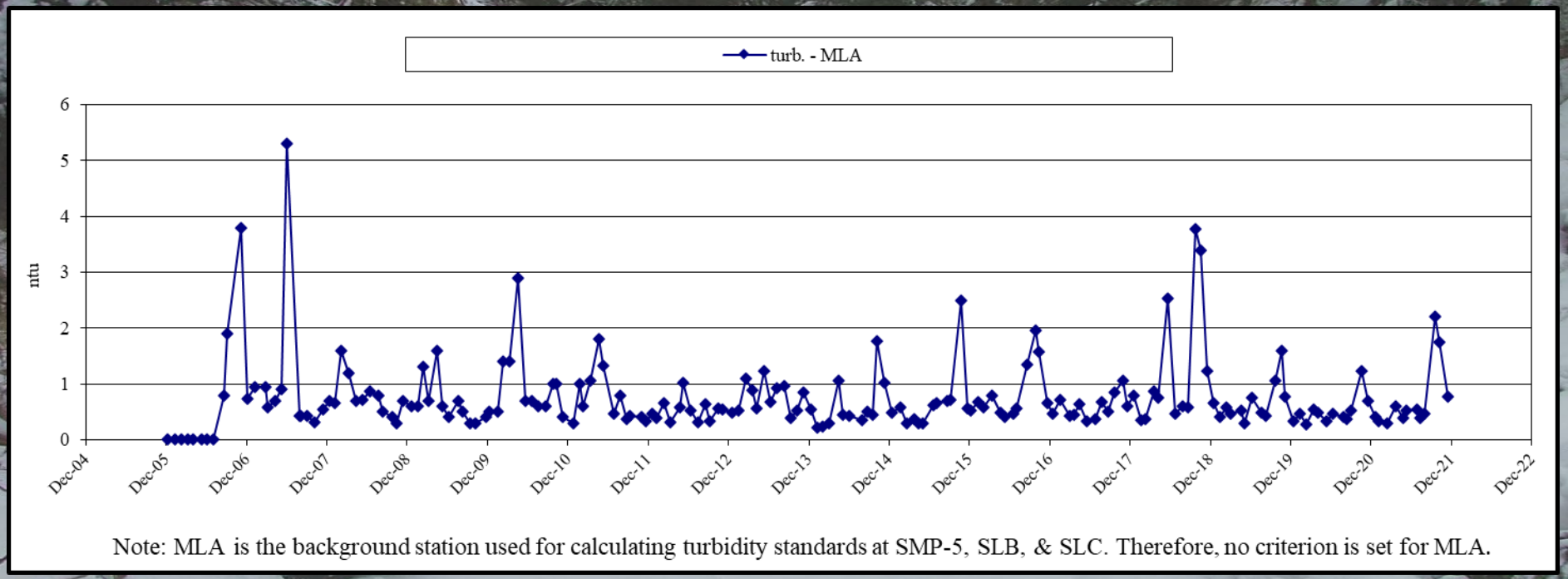
Iron JS4



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

Turbidity MLA

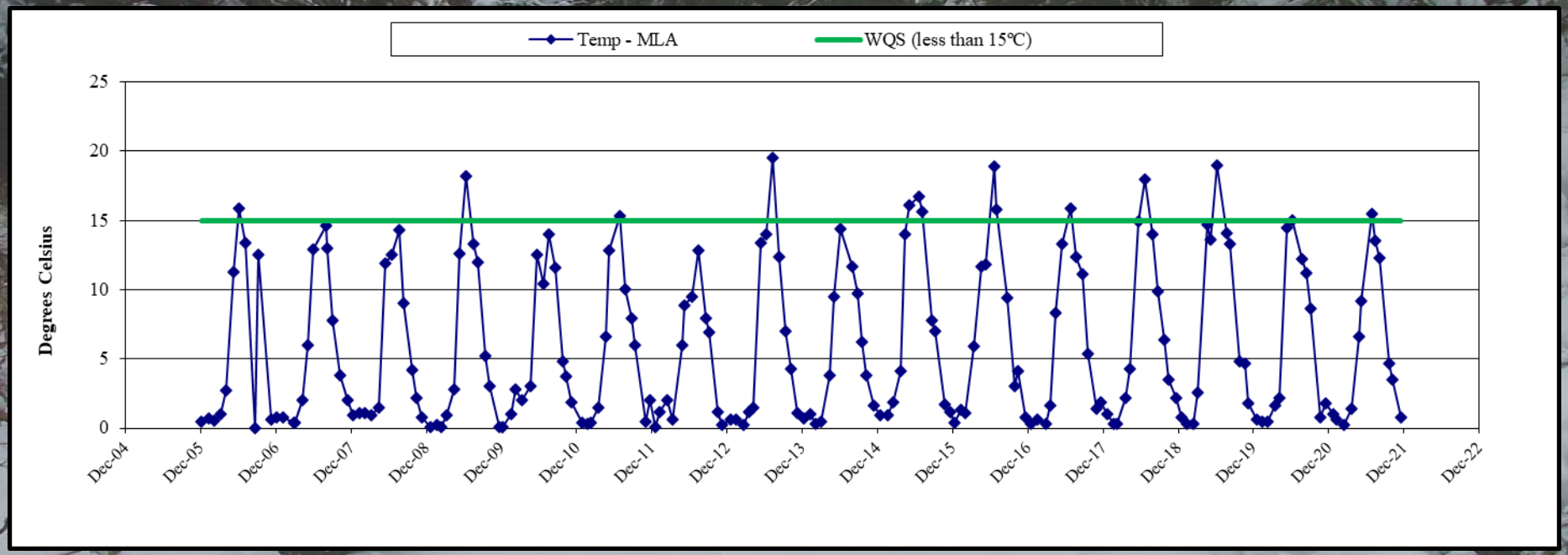


Note: MLA is the background station used for calculating turbidity standards at SMP-5, SLB, & SLC. Therefore, no criterion is set for MLA.

Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

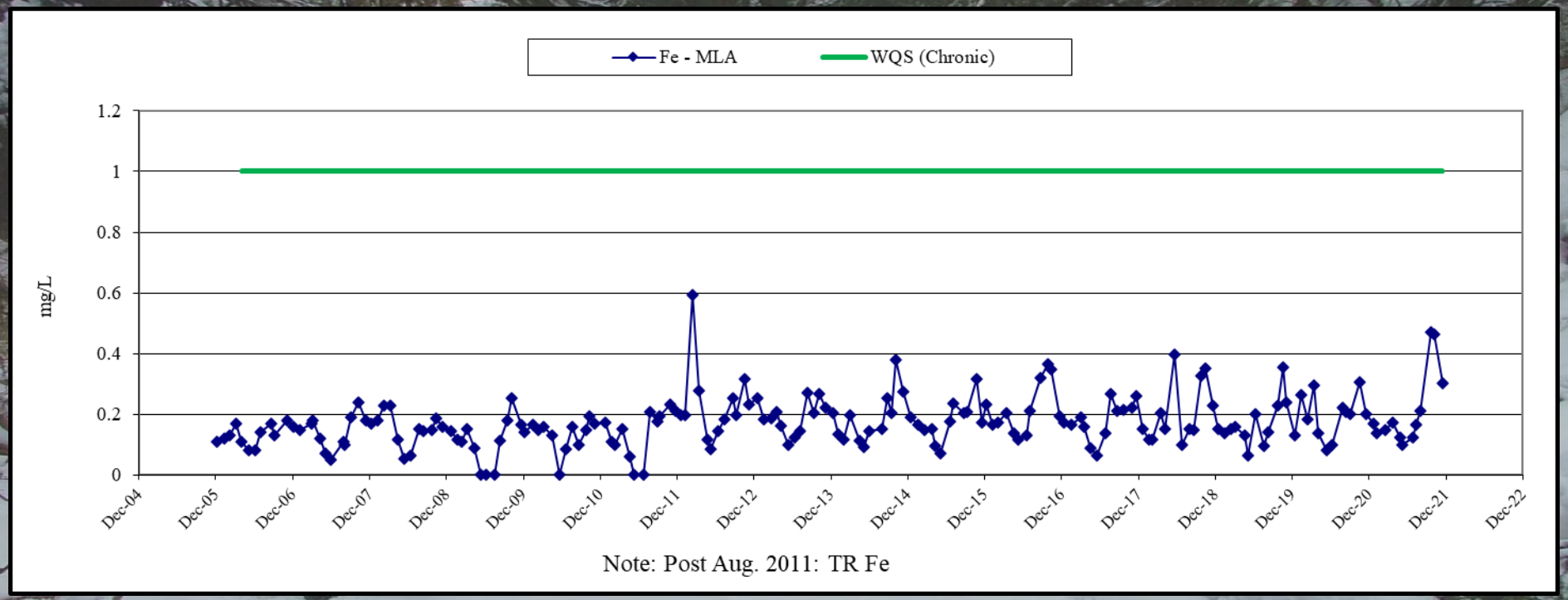
Temperature MLA



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

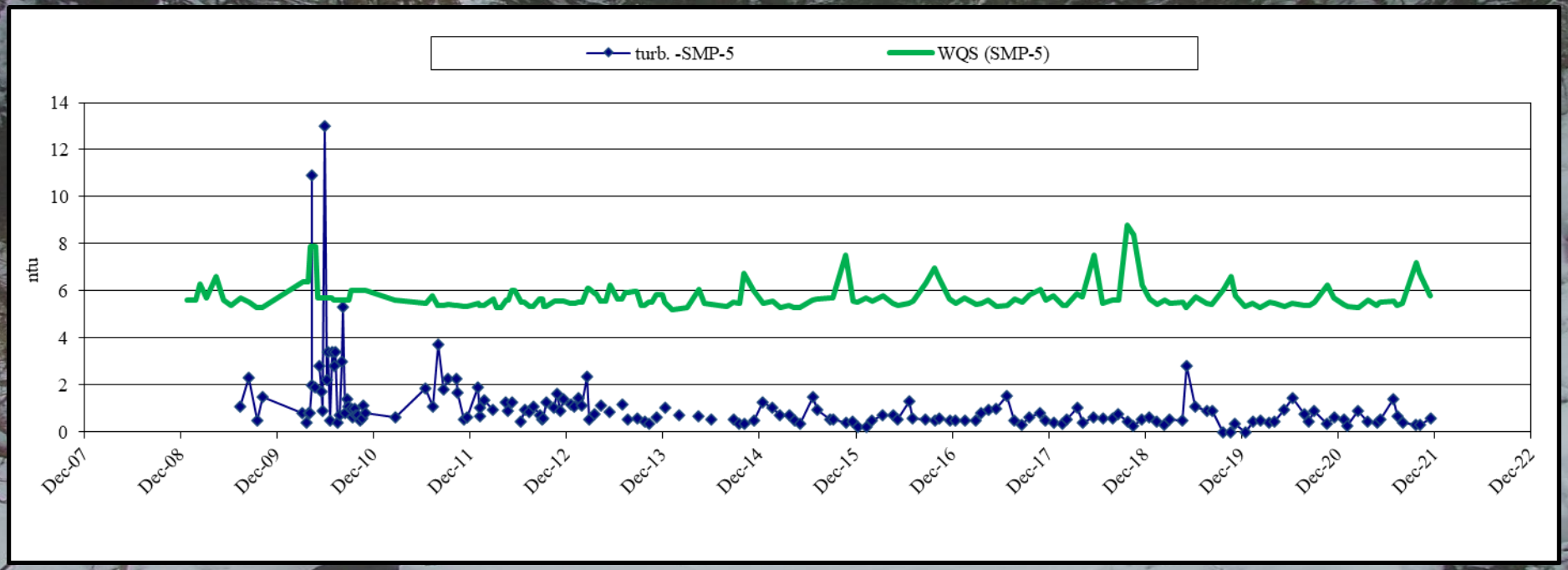
Iron MLA



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

Turbidity SMP-5



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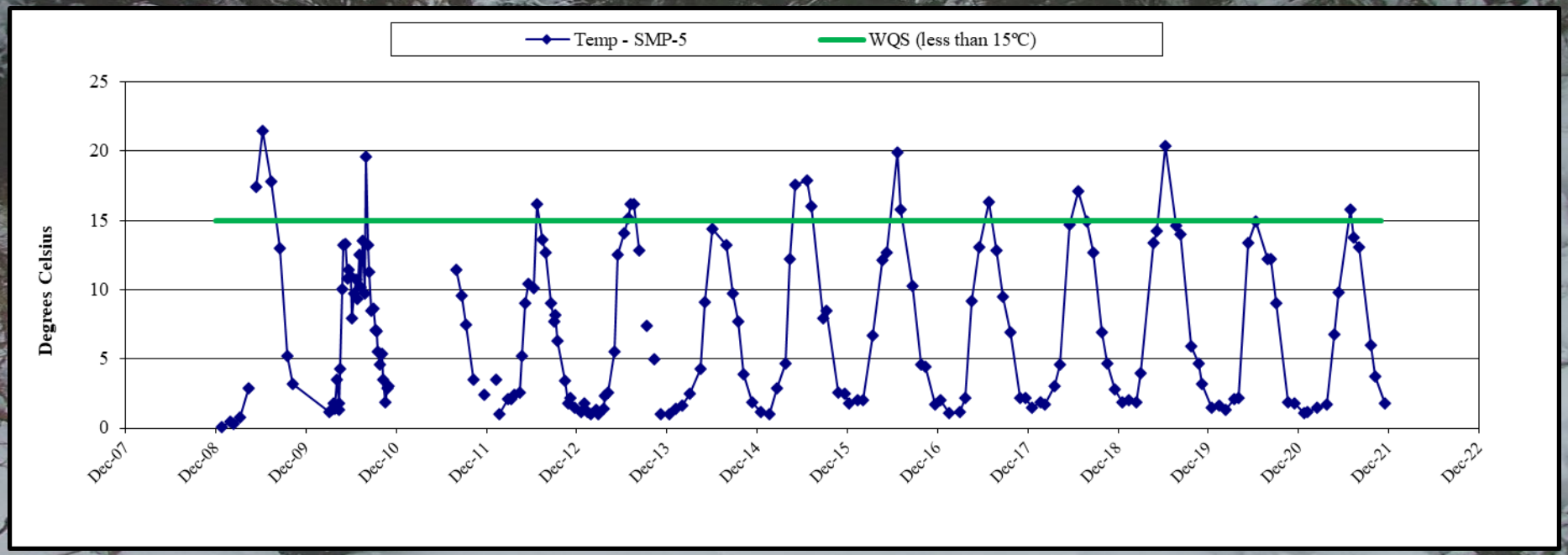
Water Quality – Slate Creek

COEUR ALASKA®

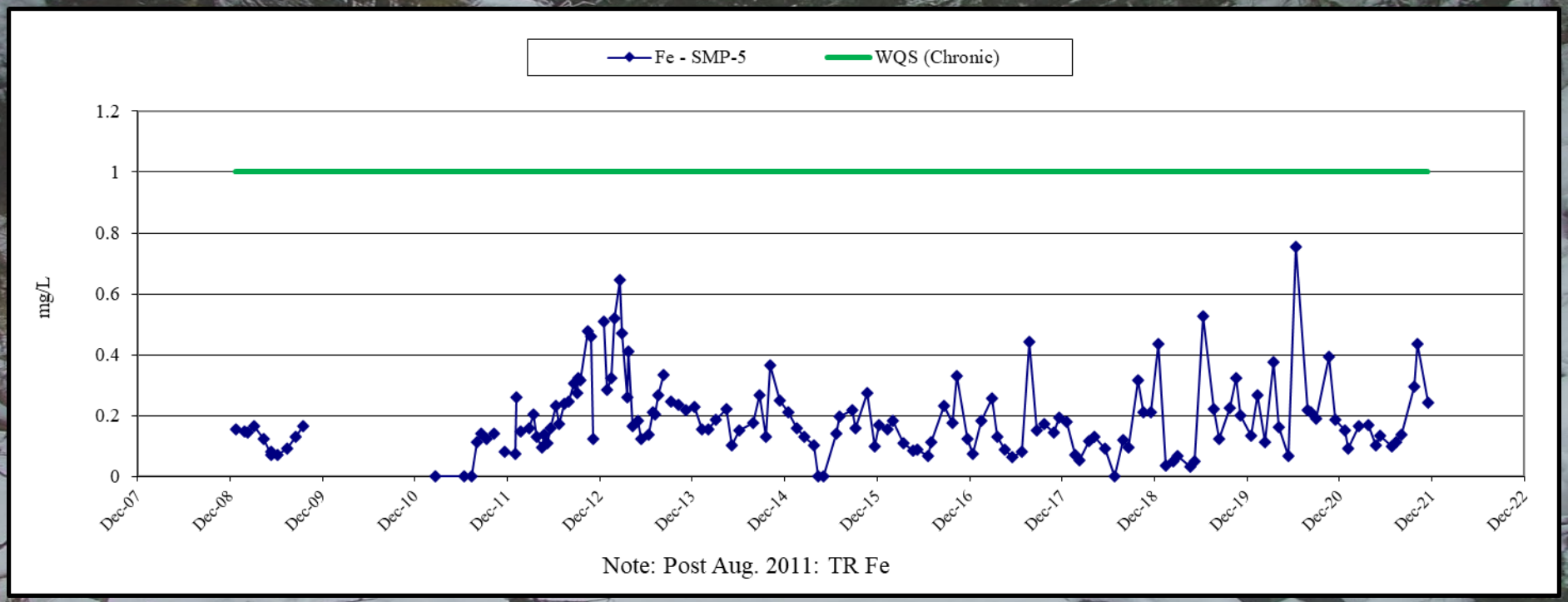
Temperature SMP-5



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

Iron SMP-5



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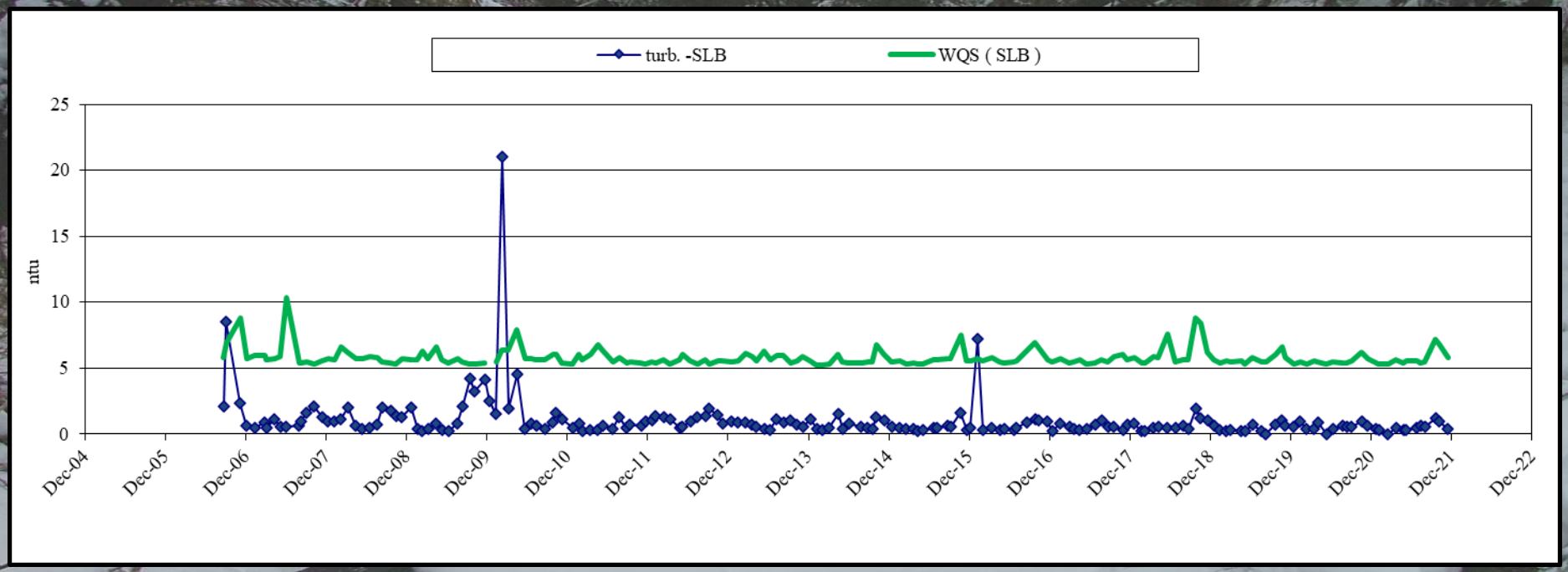
Water Quality – Slate Creek

COEUR ALASKA®

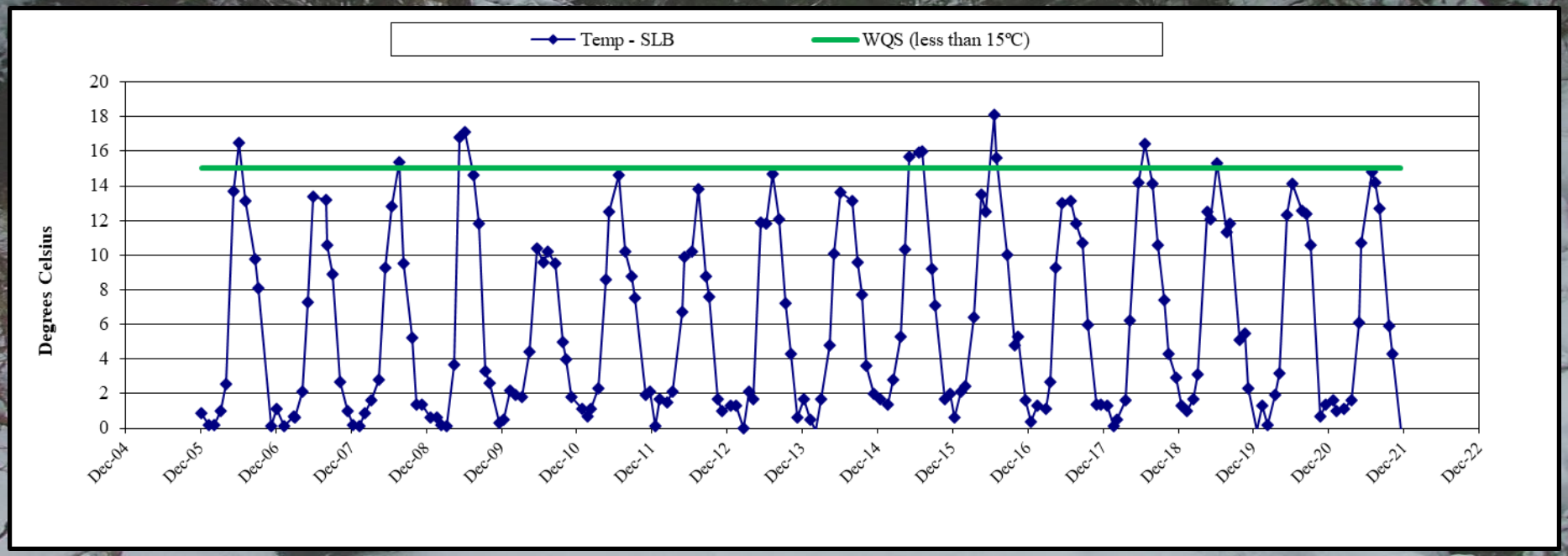
Turbidity SLB



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

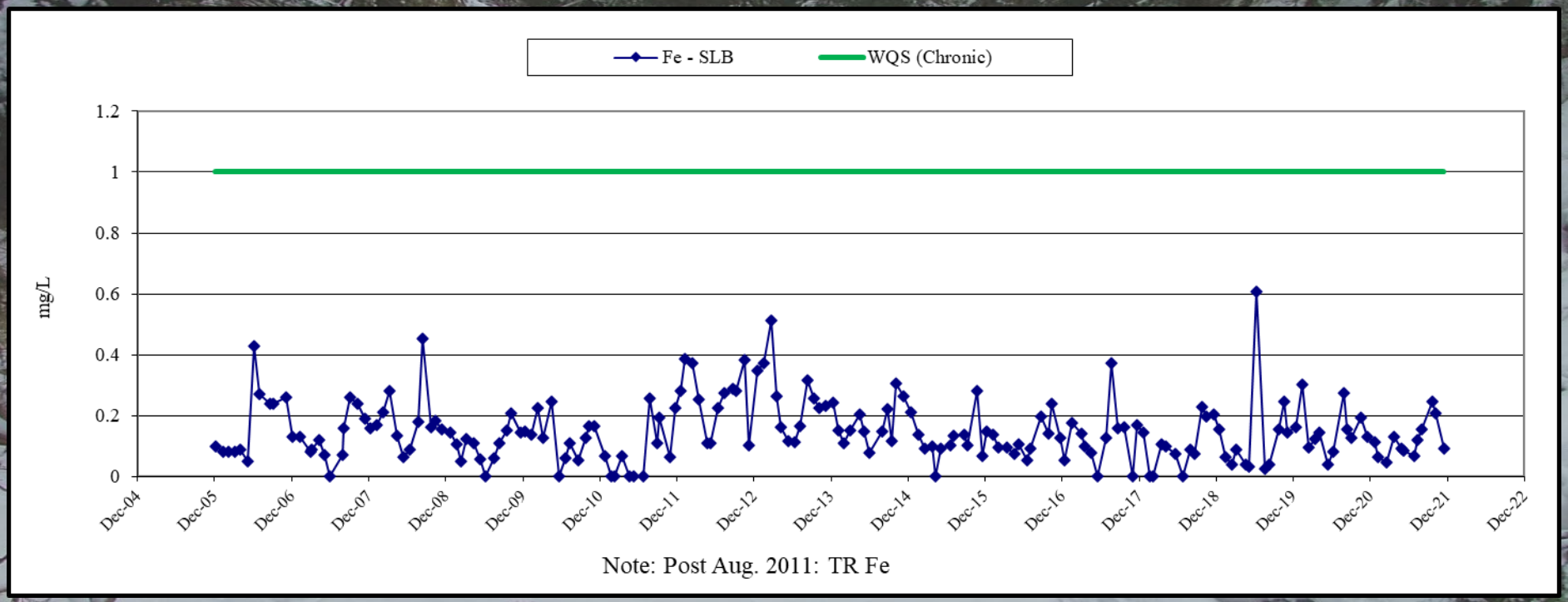
Temperature SLB



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

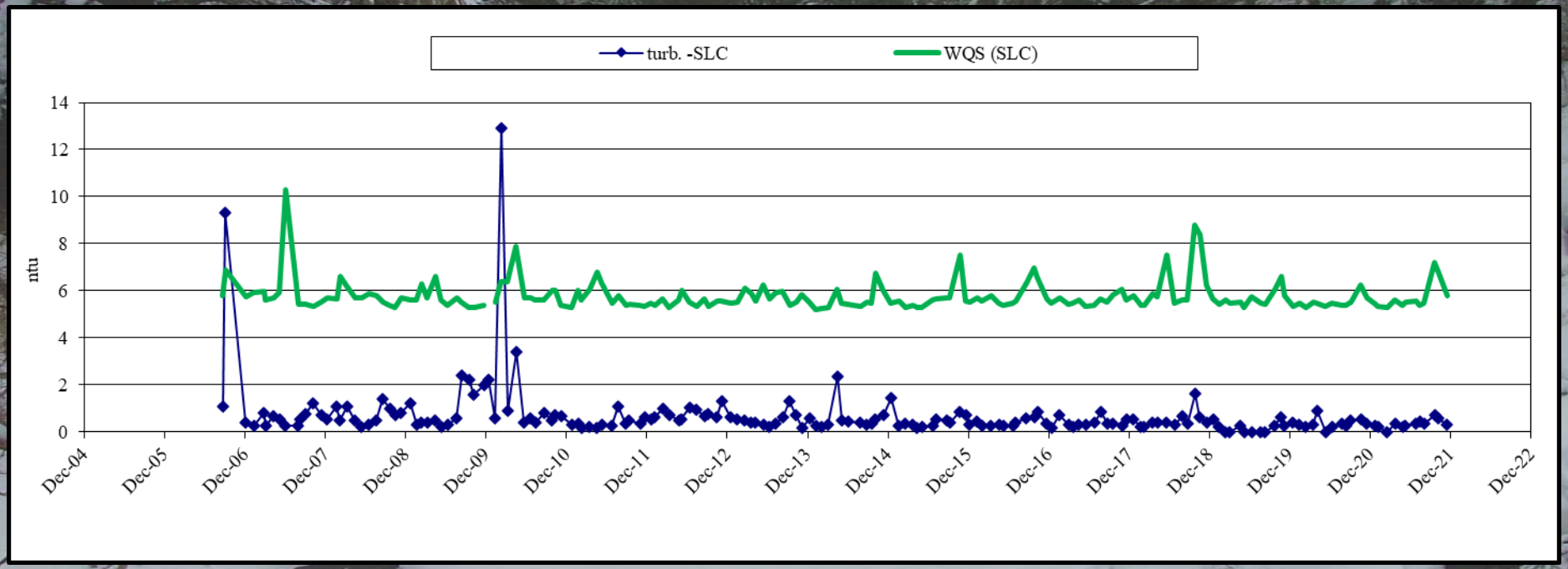
Iron SLB



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

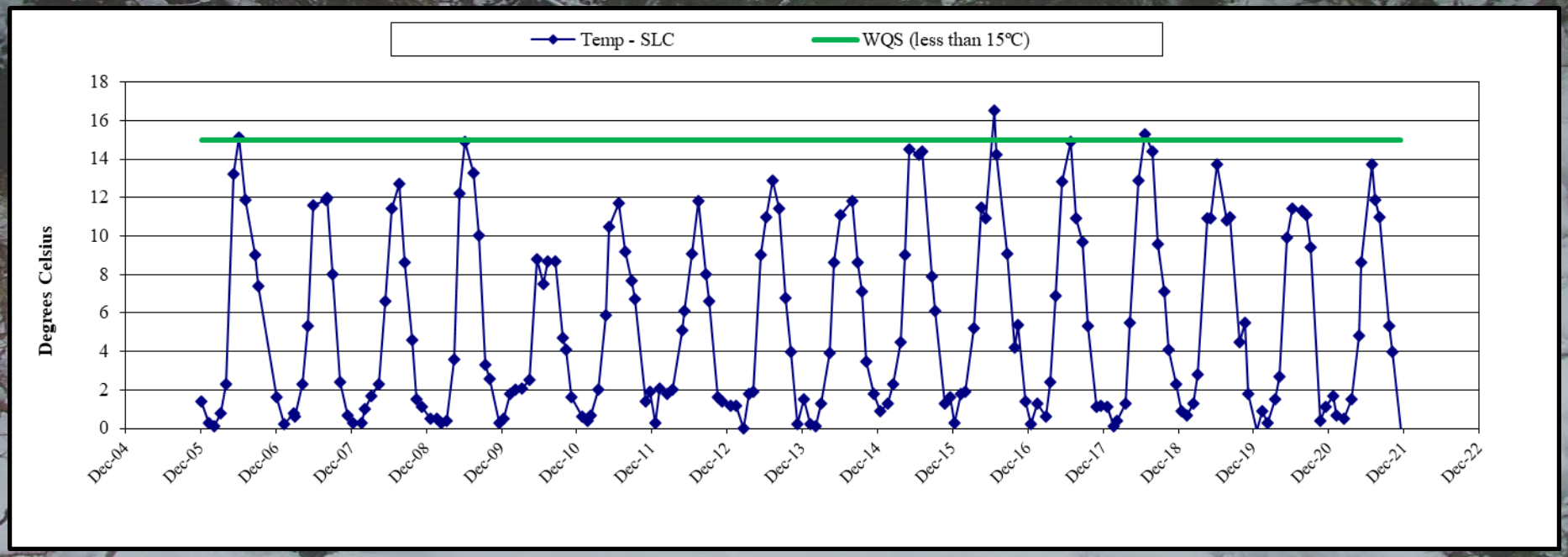
Turbidity SLC



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

Temperature SLC

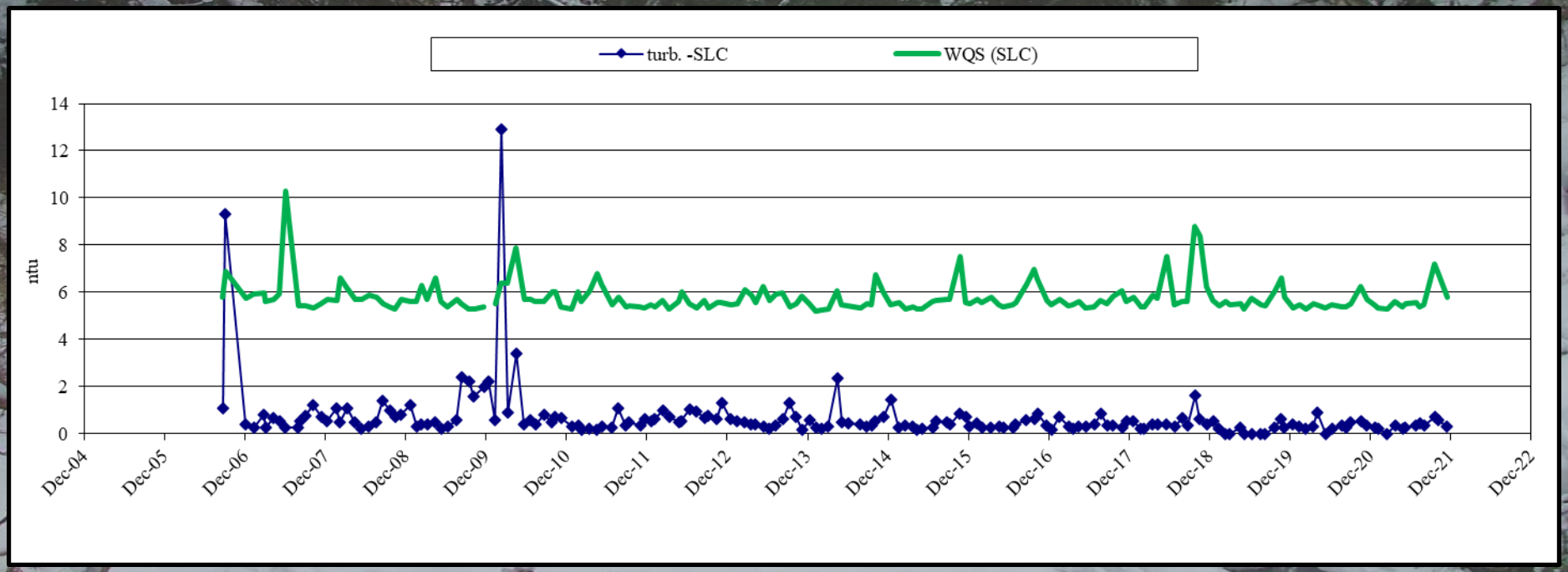


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Slate Creek

COEUR ALASKA®

Iron SLC



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Comet Mine Water Treatment Plant

Water Quality- Outfall 001

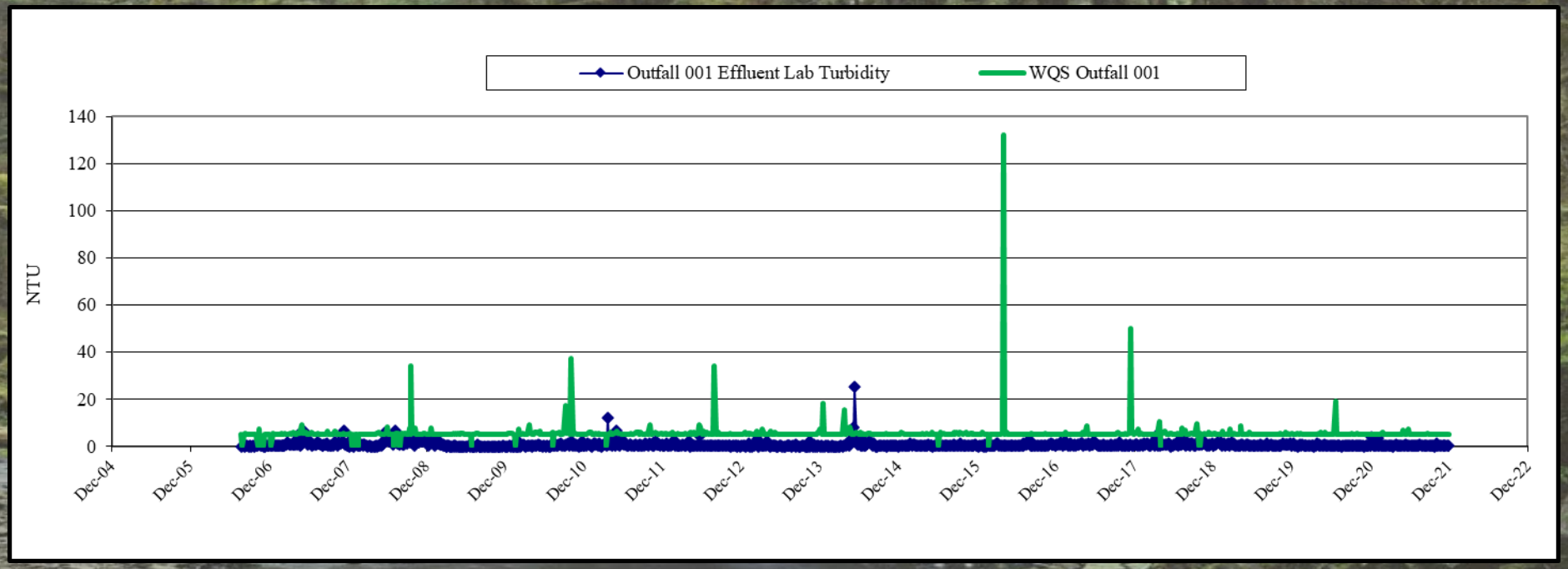
COEUR ALASKA®

On the whole, Outfall 001 effluent discharges…

- Follow seasonal cyclic trends for temperature and dissolved oxygen
- Typically have very low levels of turbidity
- Contain total recoverable metals mostly at or only slightly above detection limits
- Are monitored for constituents that are typically well under permitted limits

Water Quality – Outfall 001

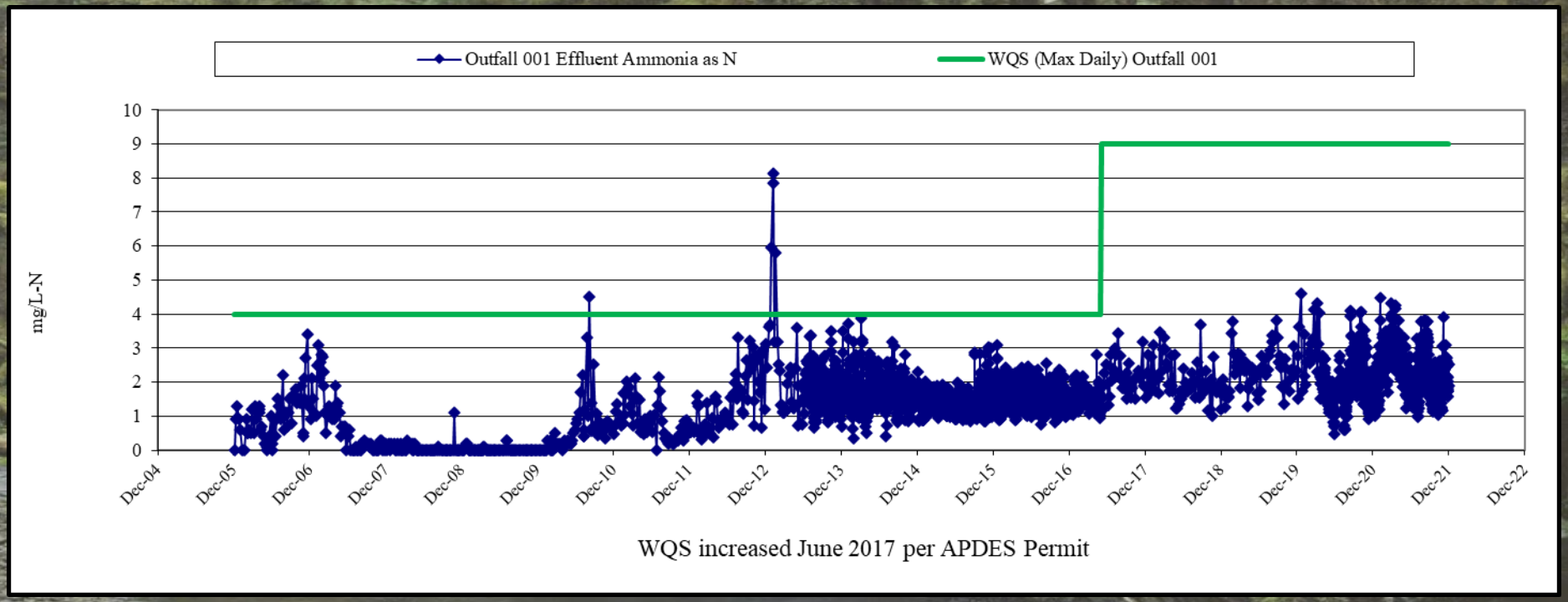
TURBIDITY



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 001

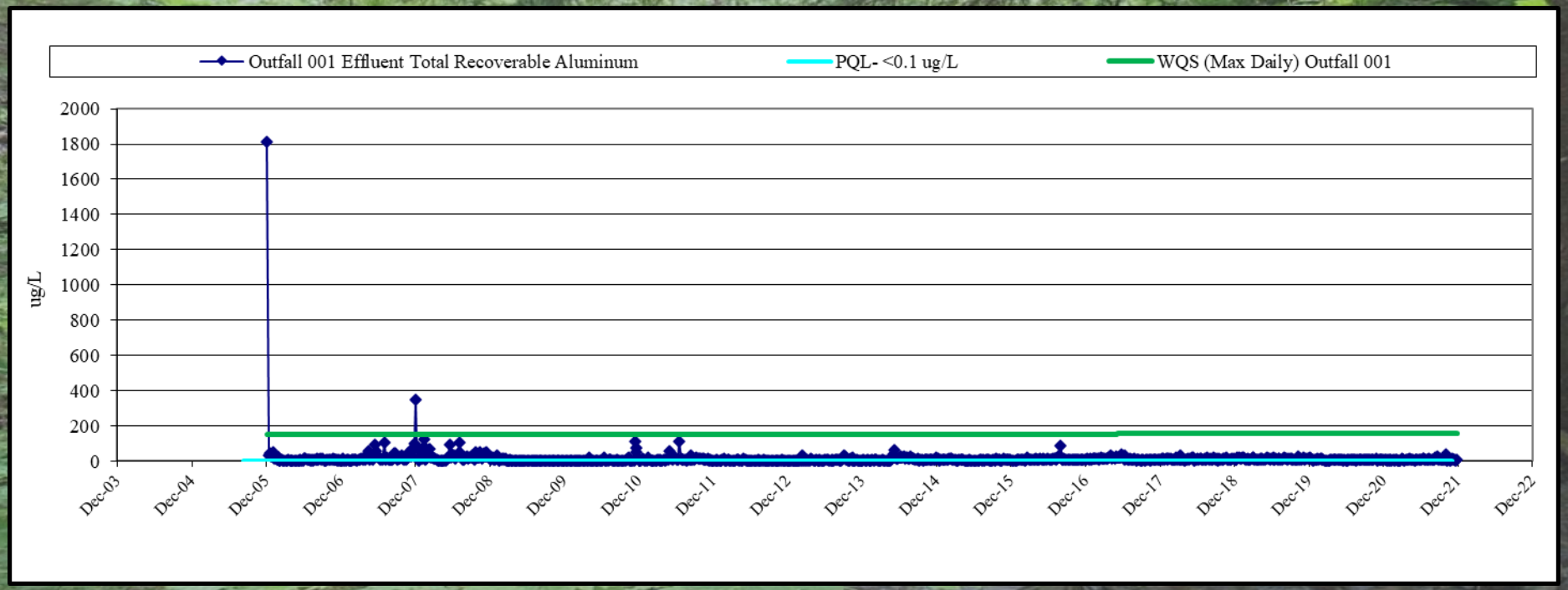
AMMONIA as N



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 001

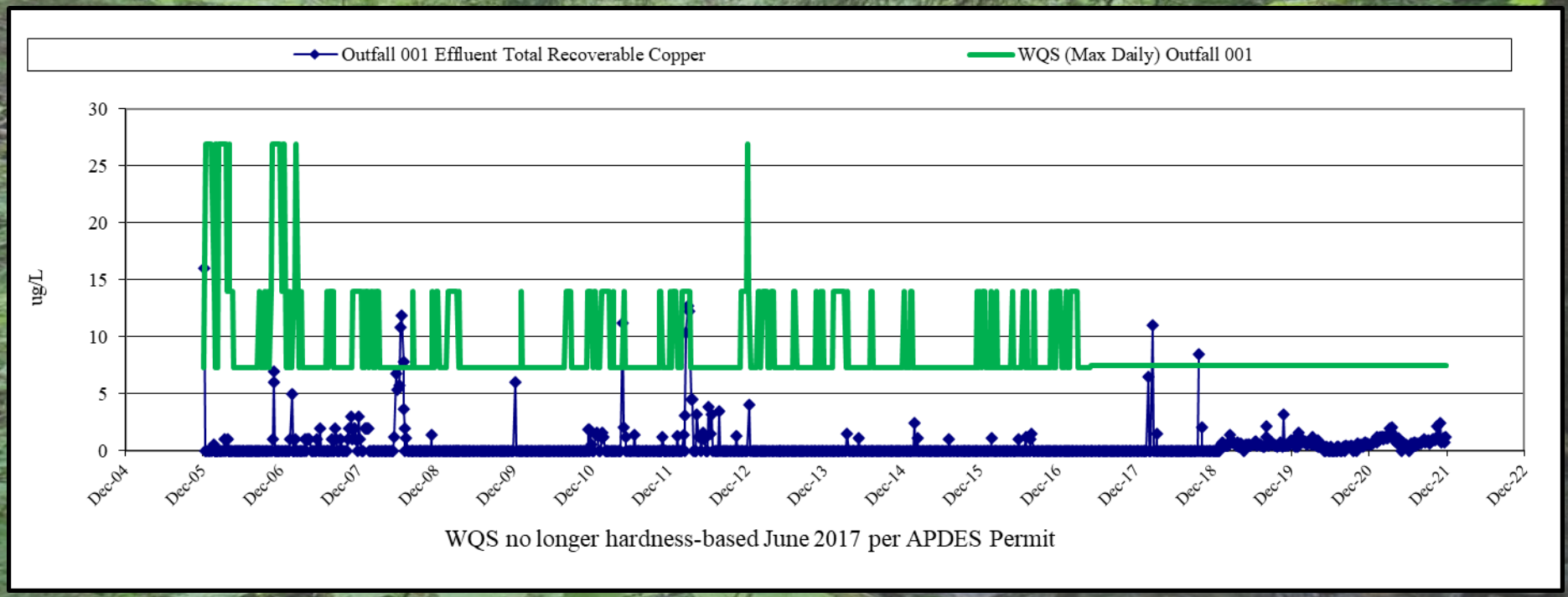
ALUMINUM, Total Recoverable



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 001

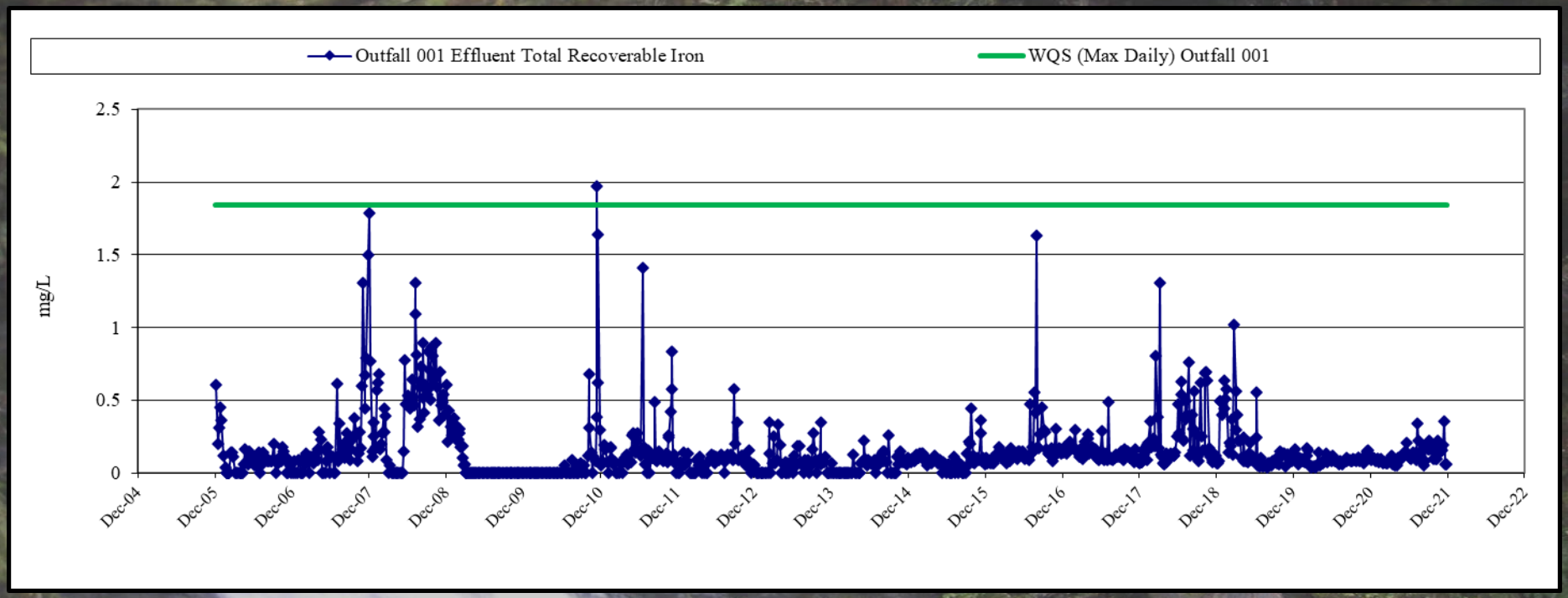
COPPER , Total Recoverable



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 001

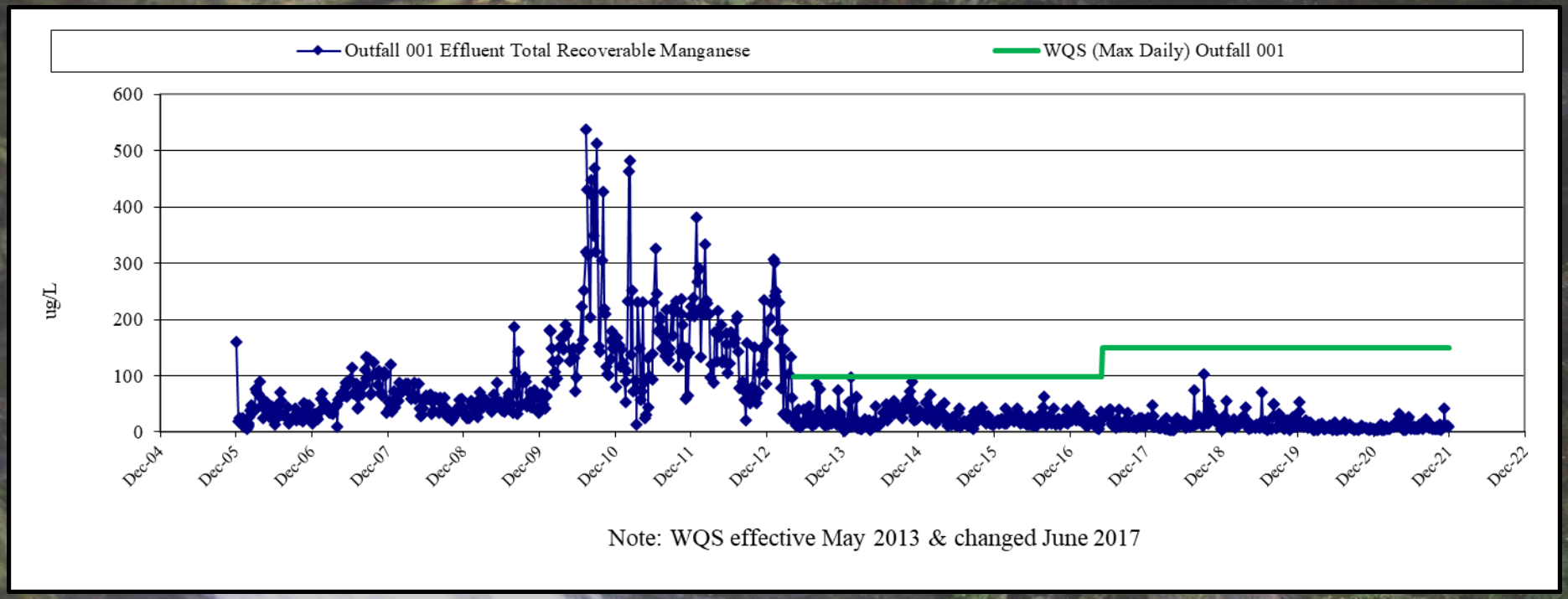
IRON , Total Recoverable



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 001

Manganese, Total Recoverable

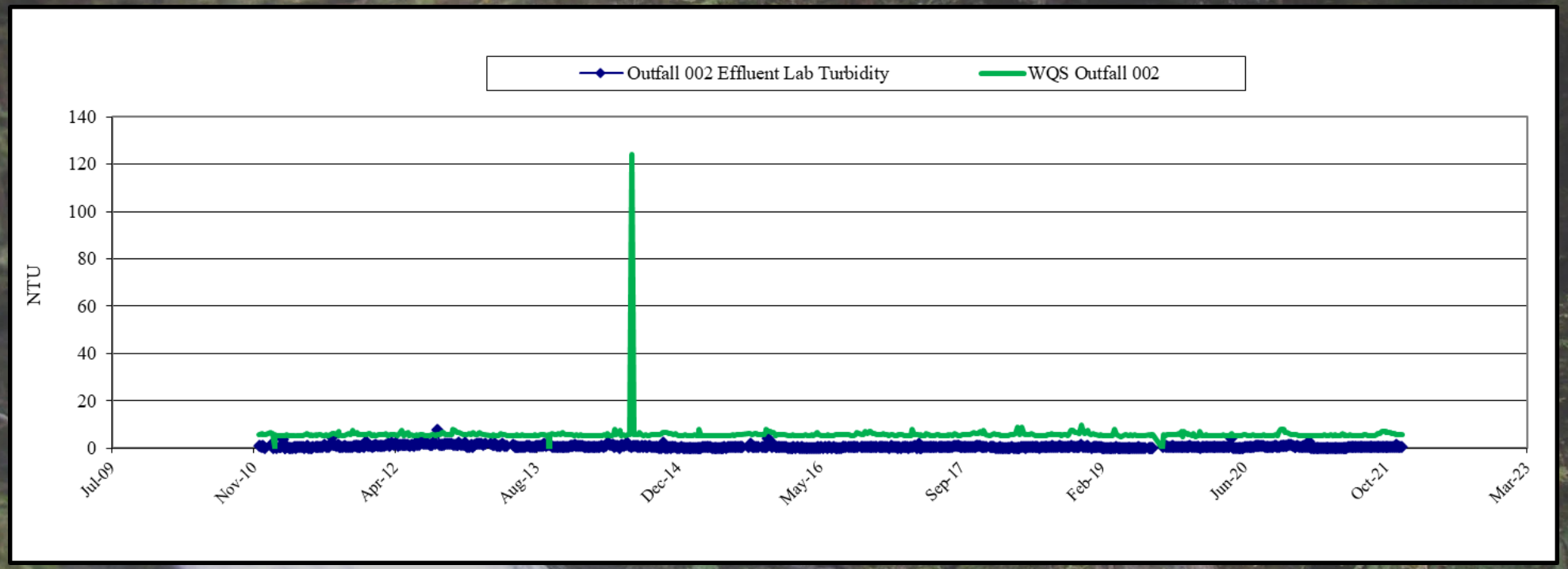


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 002 (TTF –WTP)

COEUR ALASKA®

TURBIDITY

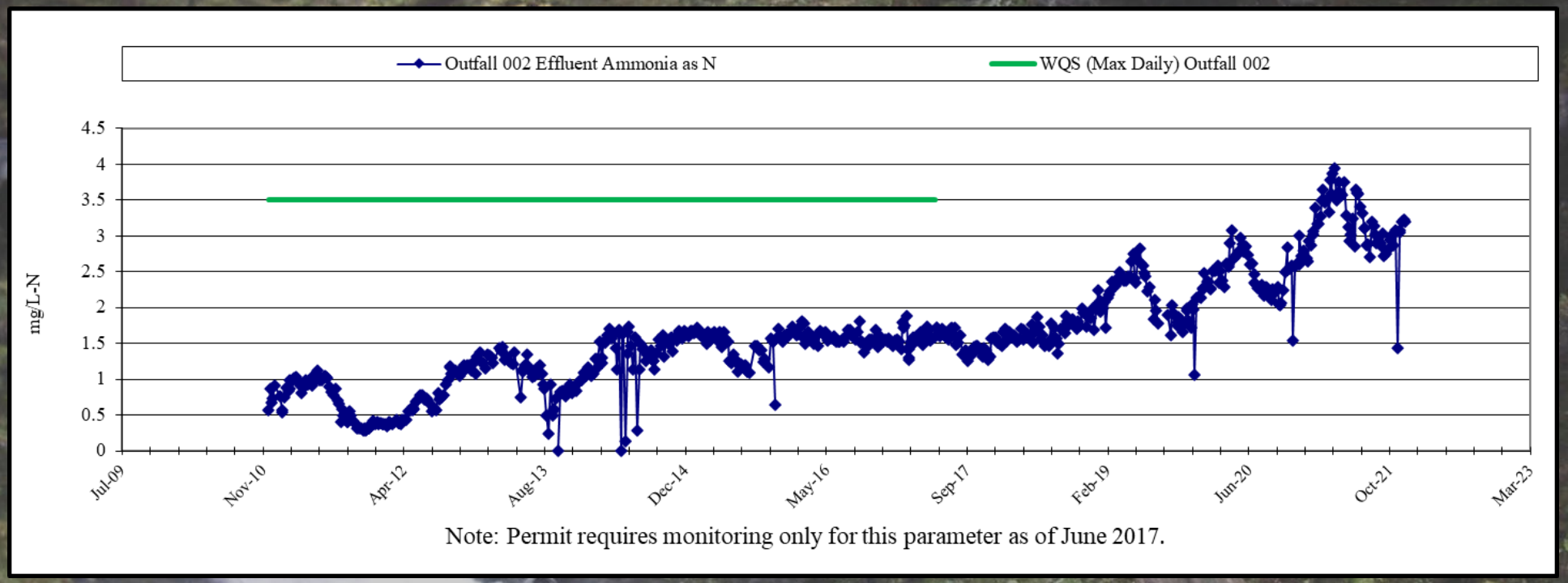


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 002 (TTF –WTP)

COEUR ALASKA®

Ammonia

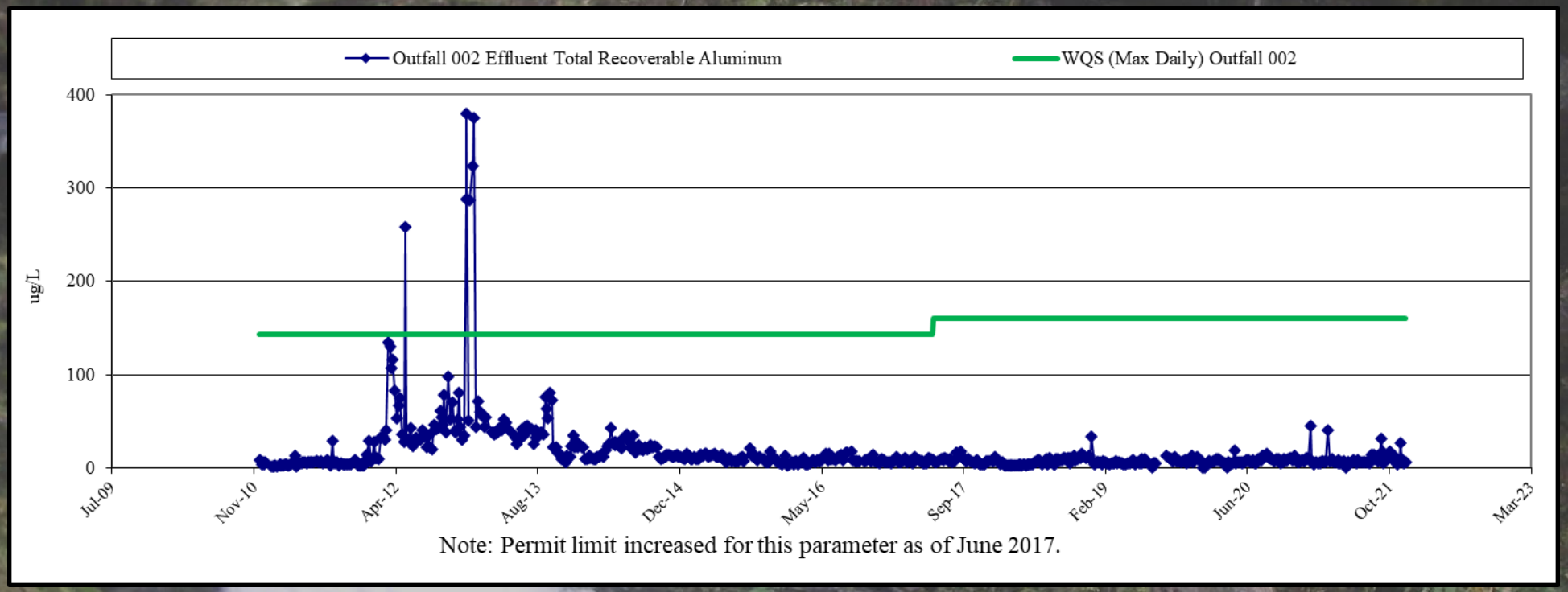


Note: Permit requires monitoring only for this parameter as of June 2017.

Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 002 (TTF –WTP)

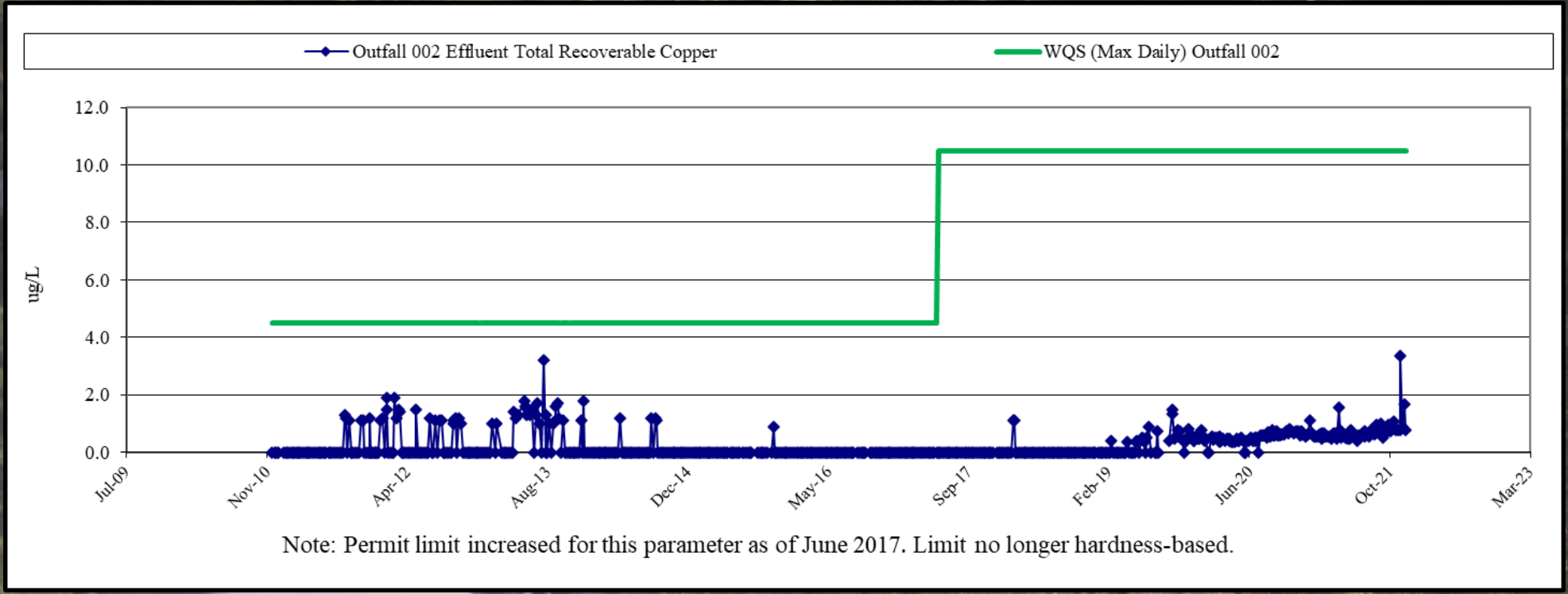
Aluminum, Total Recoverable



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 002 (TTF –WTP)

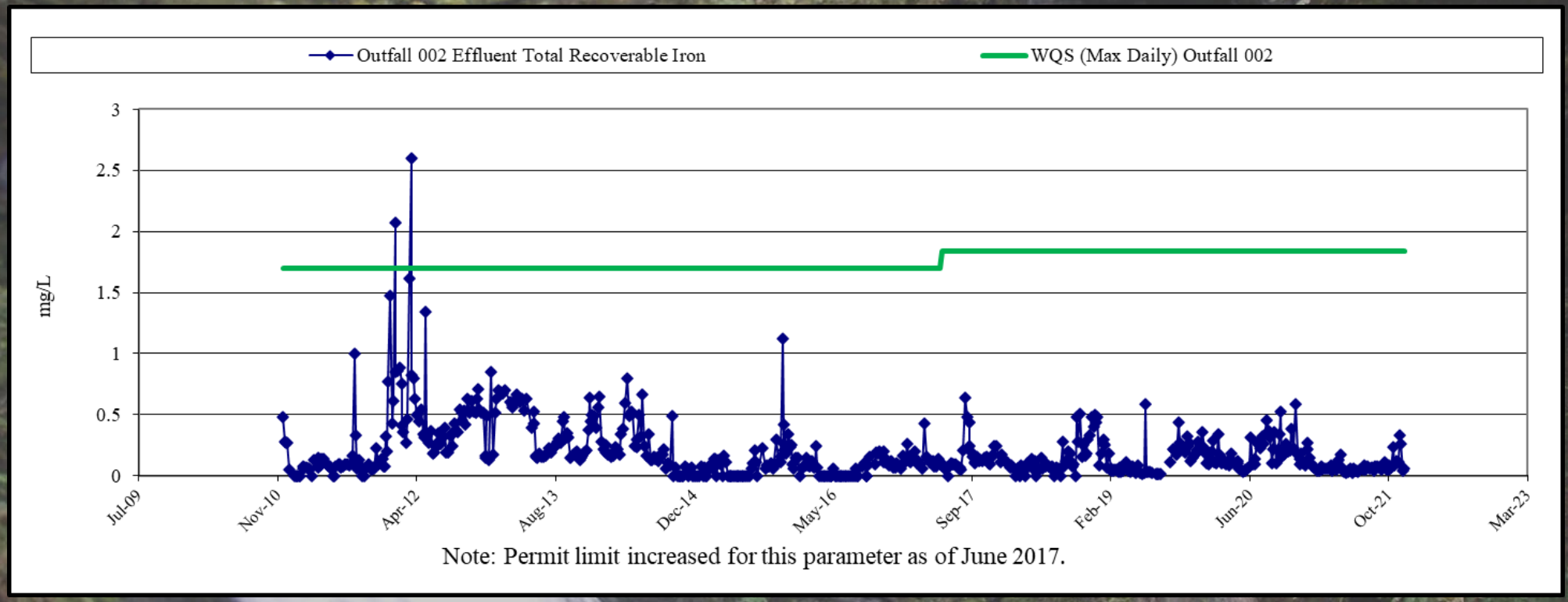
Copper, Total Recoverable



Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality – Outfall 002 (TTF-WTP)

IRON, Total Recoverable

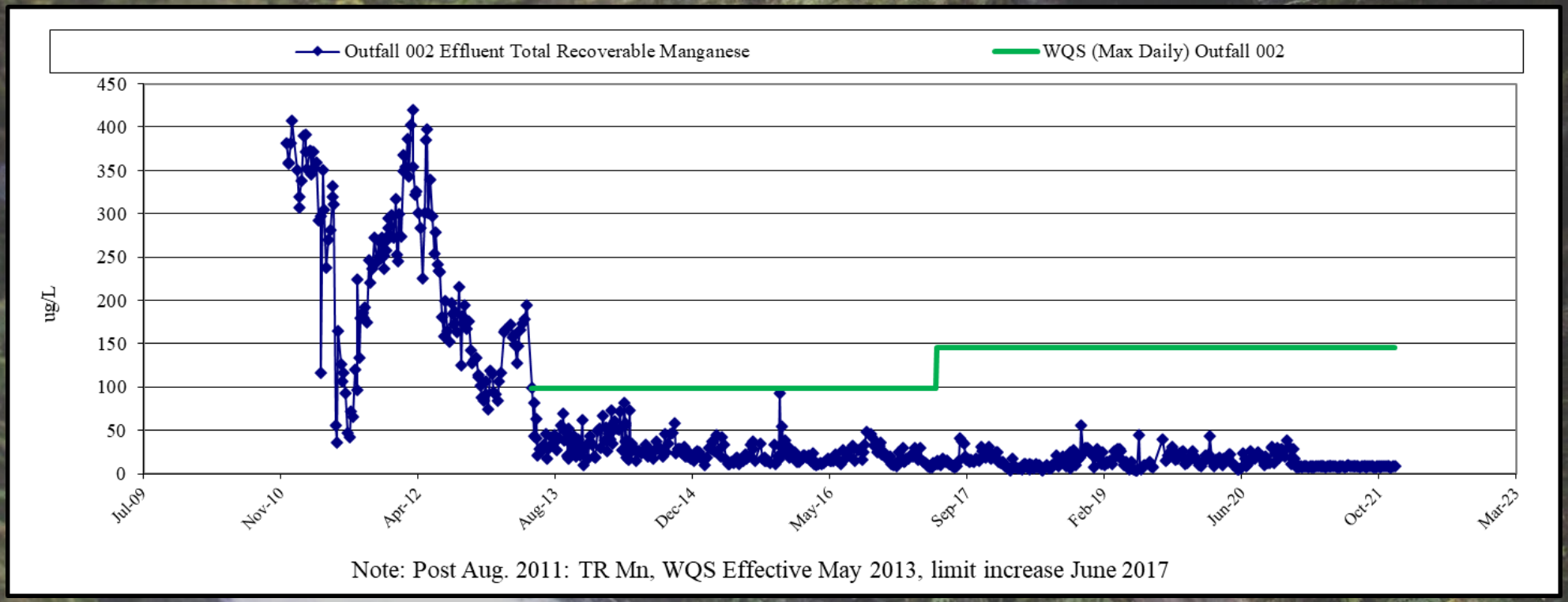


Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

› Water Quality – Outfall 002 (TTF –WTP)

COEUR ALASKA®

Manganese, Total Recoverable



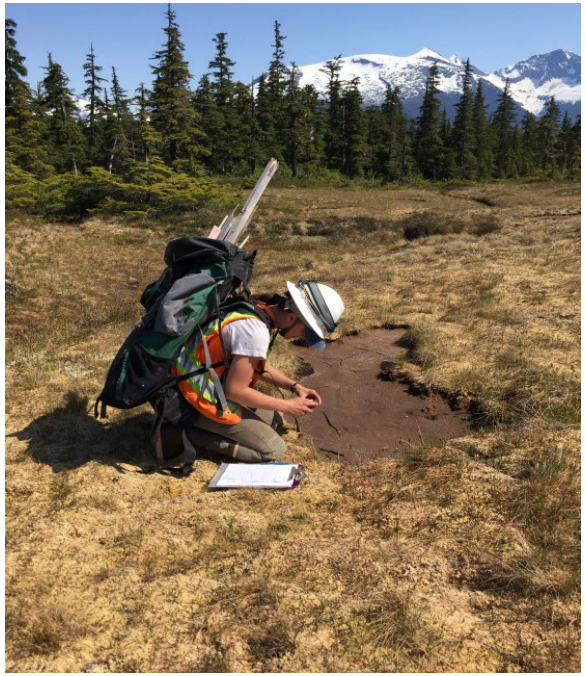
Figures from Volume 2: Water Quality 2021 in the APDES Annual Report

Water Quality- Receiving Waters

In general, monitoring results in 2021 indicate…

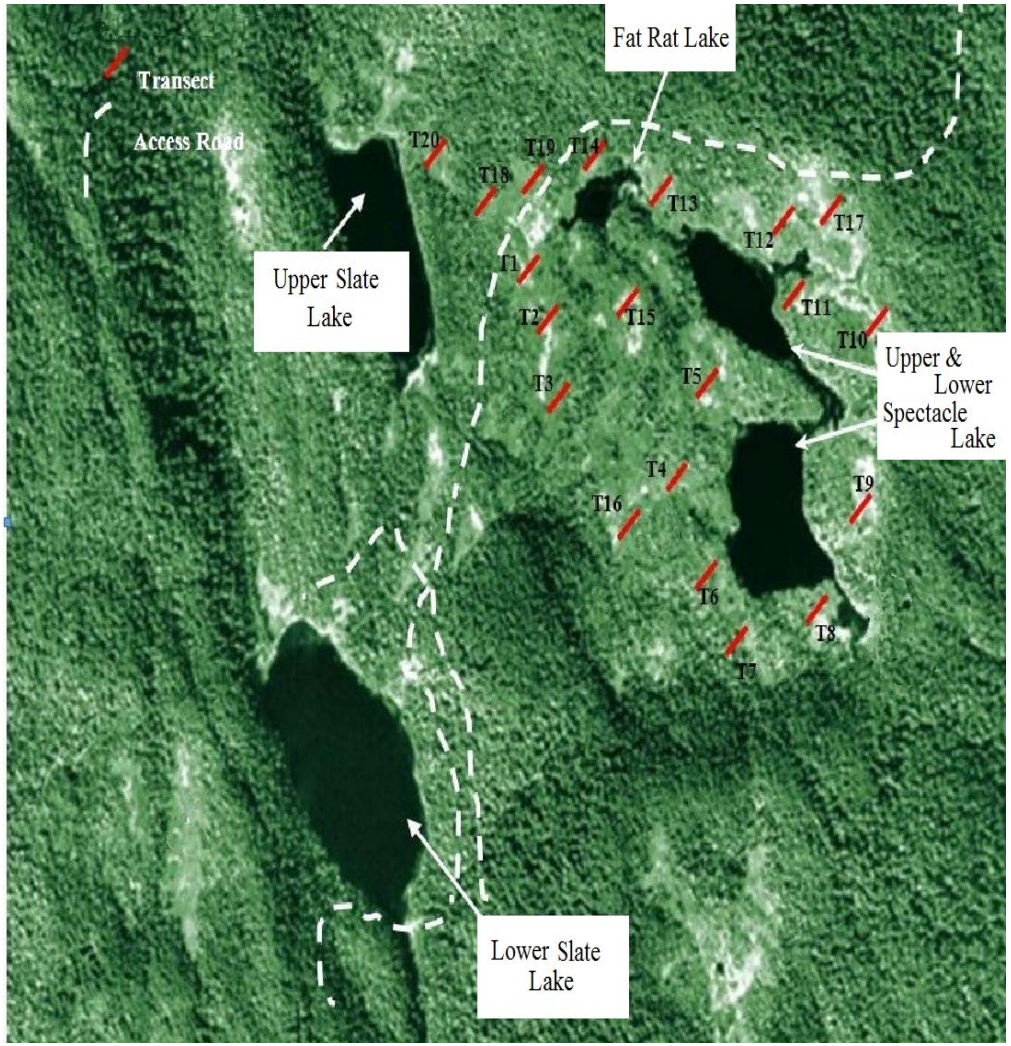
- Water quality in the area of the mine is very good
- Impacts are not significant from the mine activities

Water Quality- Field Pictures



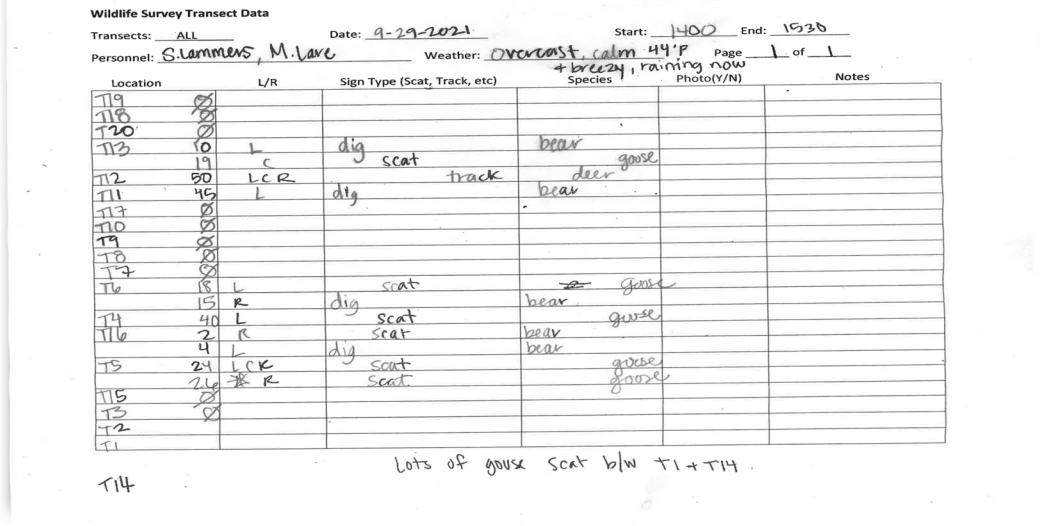
Wildlife Monitoring: Slate Lakes

- Wildlife Monitoring conducted in 2021 in accordance with Terrestrial Wildlife Monitoring Plan.
- 20 - 50m long transects around the Slate Lakes basin. Each runs in north-south direction and is monitored weekly for wildlife sign e.g.. Scat, tracks.
- Transects provide a systematic method for recording wildlife sign



› Wildlife Monitoring: Slate Lakes

One of the most significant uses of the area is by Canada geese near Spectacle Lake in the summer.



Wildlife Survey Transect Data

Transects: ALL Date: 9-29-2021 Start: 1400 End: 1530

Personnel: S.Lammers, M.Lare Weather: Overcast, calm 44°F + breezy, raining now Page 1 of 1

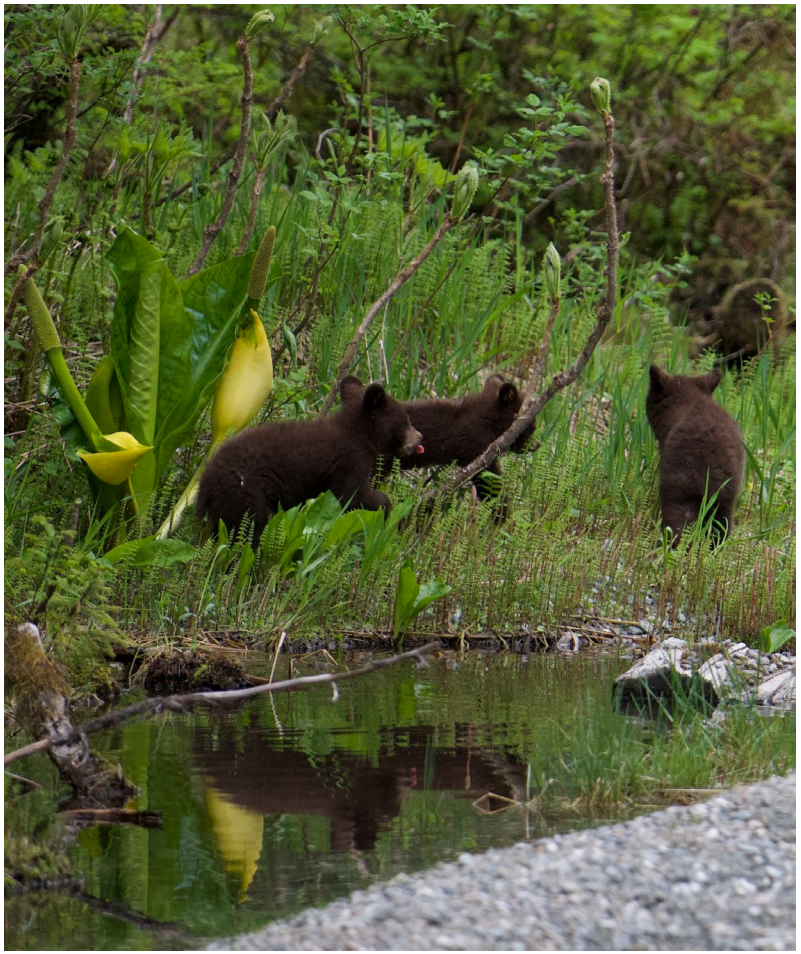
Location		L/R	Sign Type (Scat, Track, etc)	Species	Photo(Y/N)	Notes
T19	Ø					
T18	Ø					
T20	Ø					
T13	10	L	dig	bear		
	19	C	scat	goose		
T12	50	LCR	track	deer		
T11	45	L	dig	bear		
T17	Ø					
T10	Ø					
T9	Ø					
T8	Ø					
T7	Ø					
T6	18	L	scat	~~2~~ goose		
	15	R	dig	bear		
T4	40	L	scat	goose		
T16	2	R	scat	bear		
	4	L		bear		
T5	24	LCR	dig scat	goose		
	26	R	scat	goose		
T15	Ø					
T3	Ø					
T2						
T1						

Lots of goose scat b/w T1 + T14.

T14

Wildlife Monitoring: Slate Lakes

Moose and bears appeared to frequent the area as often in 2021 as they did in previous years.

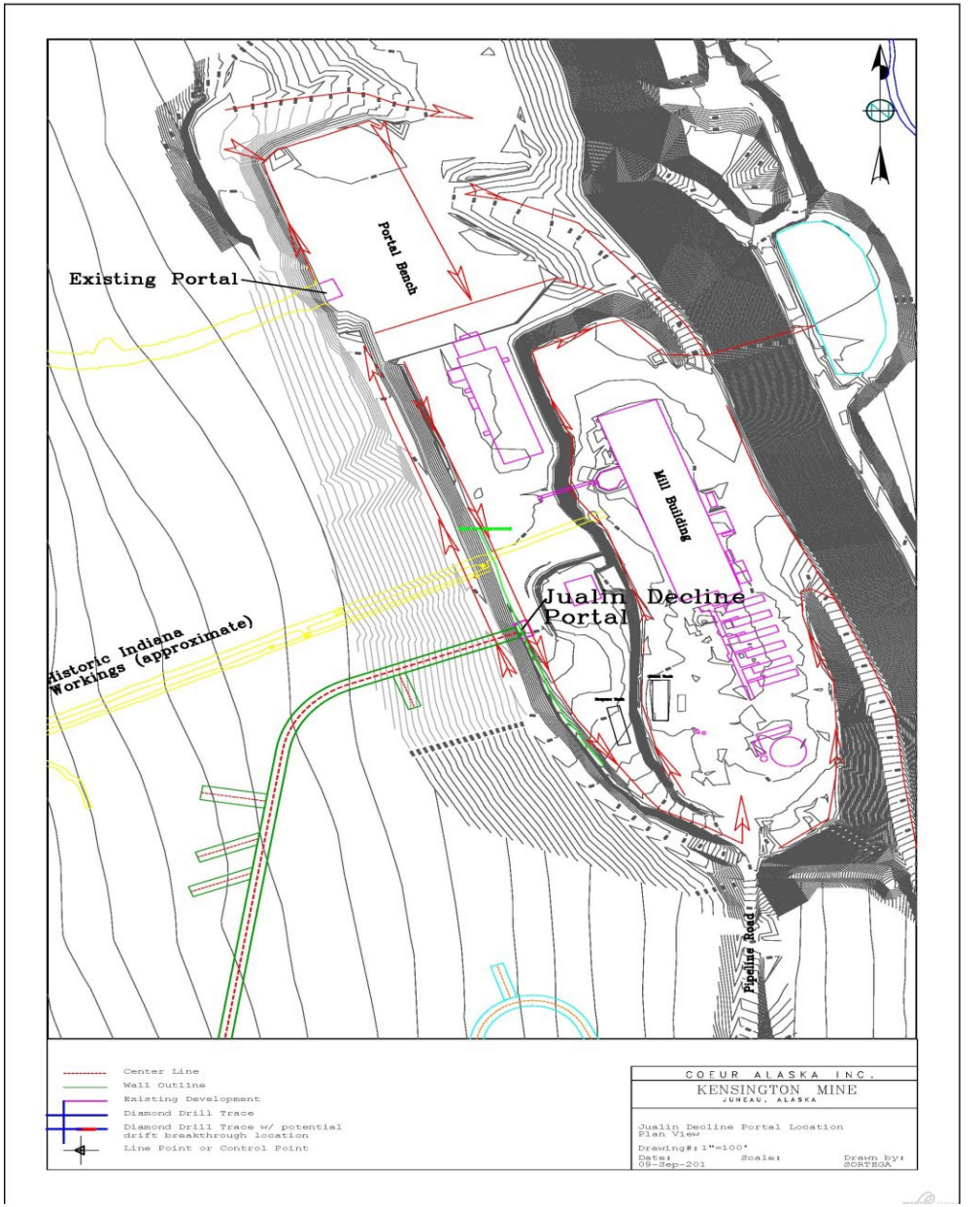


Wildlife Monitoring: Slate Lakes

Moose and Wolves in 2021

2022 Planned Activities

- Mine Operations: Full-Production for entire year of 2022
- Mill Operations planned to be at full production throughout 2022

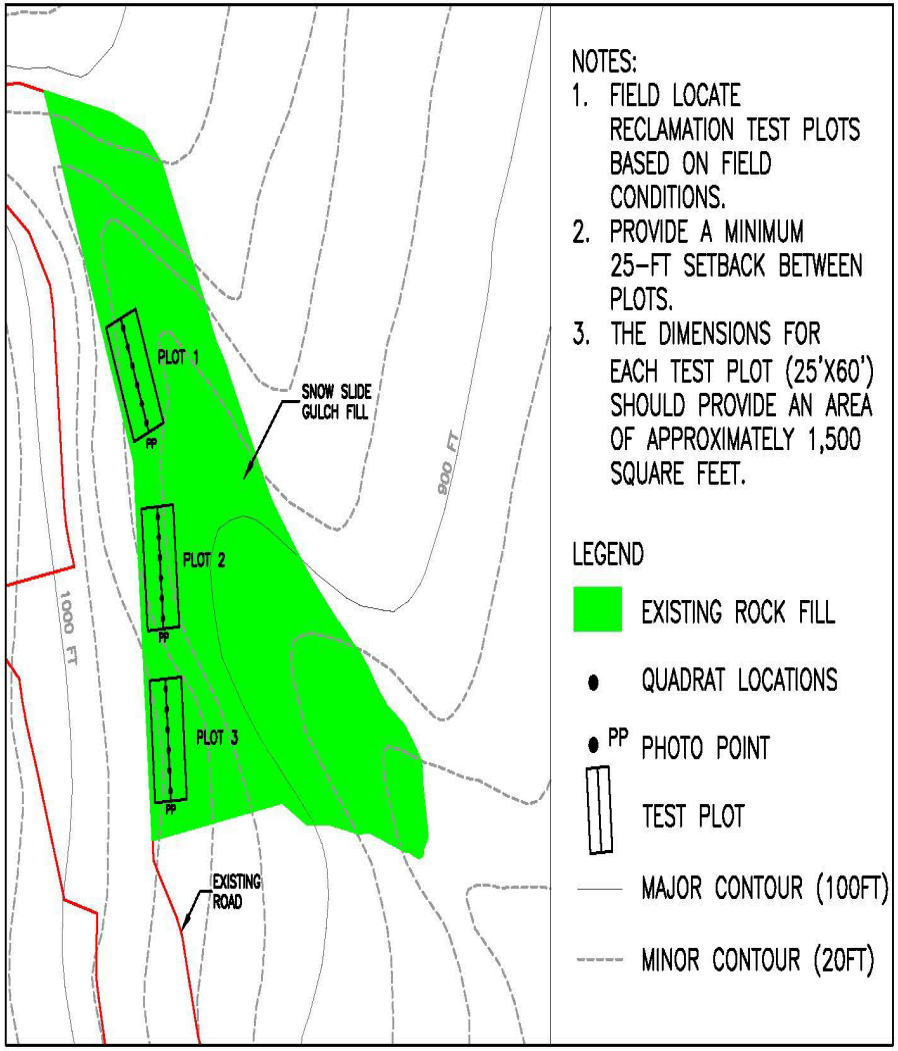


Graphitic Phyllite Disposal (ARD)

Continued disposal of graphitic phyllite by mixing with cement and diorite prior to UG disposal. Mud dump graphitic phyllite stockpile being moved to Pit-4 for processing through plant.

Reclamation Test Plots

- Evaluate reclamation methods proposed at reclamation & closure
- Constructed in July 2013
- Test plots separated into 3 separate areas (1500 square feet each)
- Each area has a different reclamation treatment
- Monthly monitoring of test plots
- Summary report prepared by KC Harvey submitted on January 8, 2018



2022 Plans

- On-going Geochemical Testing & Reporting of Graphitic Phyllite (Barrel Testing Program at the TTF)

- Surface exploration drilling planned to be conducted on private lands in 2022

2022 Plans

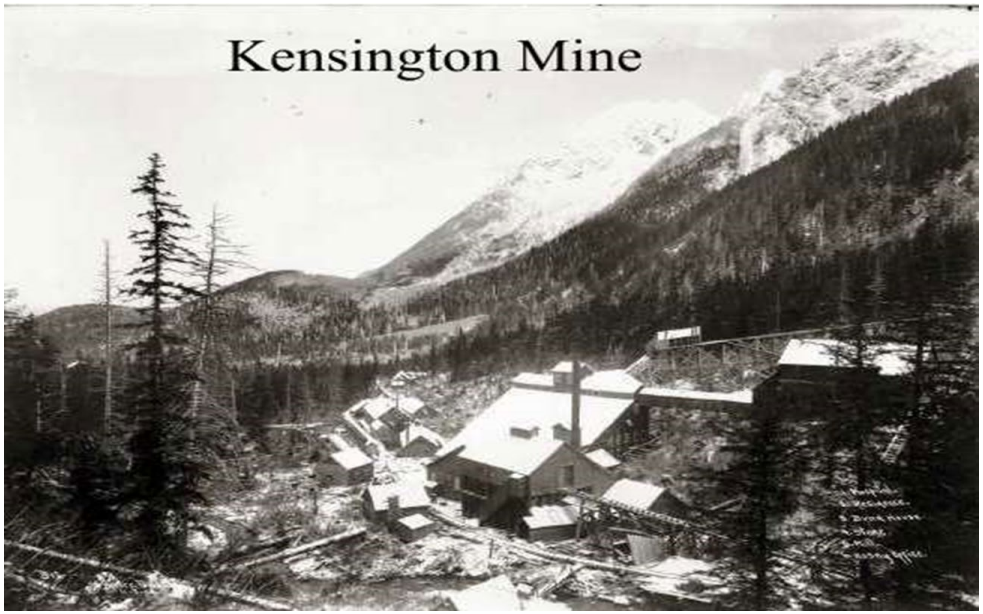
- APDES Permit Renewal - Renewal Application submitted on December 2, 2021.
- Back-dam Design and Engineering (construction planned for 2023)
  - Geotechnical drilling planned for 2022 to be used in the engineering of the back-dam and tailings treatment facility lift.
- Culvert Replacement Design – TTF access road (2) and Jualin access road (1)

2022 Plans

- Move ARD currently located at the mud dump to Pit-4 containment for processing through the Pug Plant and final disposal in the underground stopes
- Move old surface maintenance shop (Calhoun tent) to the north end of Mud Dump

2022 Plans

- Cultural Resource mitigation as required by the Programmatic Agreement
- Site condition assessments and determinations of eligibility for listing on the National Register of Historic Places (NRHP)



Plan of Operations – Amendment 1 (POA 1)

- Final Supplemental Environmental Impact Statement (SEIS) issuance - July 2021
- USFS Final Record of Decision – February 2022

NEXT STEPS (2022):

- **Updated State Permits**
  - Waste Management Permit
  - Reclamation and Closure Plan with Updated Bonding
  - Comet WRS Fish Habitat Permit
- Clearing and Construction of the stormwater Best Management Practices (BMP's) at the Comet Waste Rock Storage Site to begin in July 2022
- Clearing and Construction of the stormwater BMP's at the Kensington Waste Rock Storage Site to begin in August 2022

Contact Information

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Questions?